

Configuration 2: Laird part number: 453-00193

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.44	0.08790	23.84	0.24210
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	19.42	0.08750	23.82	0.24099
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.27	0.08453	23.67	0.23281
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	17.52	0.05649	21.92	0.15560
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.15	0.10351	24.55	0.28510
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	18.21	0.06622	22.61	0.18239
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.75	0.09441	24.15	0.26002
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	19.87	0.09705	24.27	0.26730

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	16.22	16.22	24.00	20.62	30.00
5200MHz	Pass	4.40	19.44	19.44	24.00	23.84	30.00
5240MHz	Pass	4.40	19.29	19.29	24.00	23.69	30.00
5260MHz	Pass	4.40	19.27	19.27	24.00	23.67	30.00
5300MHz	Pass	4.40	19.22	19.22	24.00	23.62	30.00
5320MHz	Pass	4.40	16.05	16.05	24.00	20.45	30.00
5500MHz	Pass	4.40	17.41	17.41	24.00	21.81	30.00
5580MHz	Pass	4.40	20.15	20.15	24.00	24.55	30.00
5700MHz	Pass	4.40	16.19	16.19	24.00	20.59	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	19.33	19.33	22.95	23.73	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.53	11.53	30.00	15.93	36.00
5745MHz	Pass	4.40	19.72	19.72	30.00	24.12	36.00
5785MHz	Pass	4.40	19.75	19.75	30.00	24.15	36.00
5825MHz	Pass	4.40	19.62	19.62	30.00	24.02	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5180MHz	Pass	4.40	14.62	14.62	24.00	19.02	30.00
5200MHz	Pass	4.40	16.48	16.48	24.00	20.88	30.00
5240MHz	Pass	4.40	19.42	19.42	24.00	23.82	30.00
5260MHz	Pass	4.40	17.52	17.52	24.00	21.92	30.00
5300MHz	Pass	4.40	17.51	17.51	24.00	21.91	30.00
5320MHz	Pass	4.40	15.51	15.51	24.00	19.91	30.00
5500MHz	Pass	4.40	14.3	14.30	24.00	18.70	30.00
5580MHz	Pass	4.40	18.21	18.21	24.00	22.61	30.00
5700MHz	Pass	4.40	9.02	9.02	24.00	13.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	17.03	17.03	24.00	21.43	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.58	11.58	30.00	15.98	36.00
5745MHz	Pass	4.40	19.77	19.77	30.00	24.17	36.00
5785MHz	Pass	4.40	19.76	19.76	30.00	24.16	36.00
5825MHz	Pass	4.40	19.87	19.87	30.00	24.27	36.00

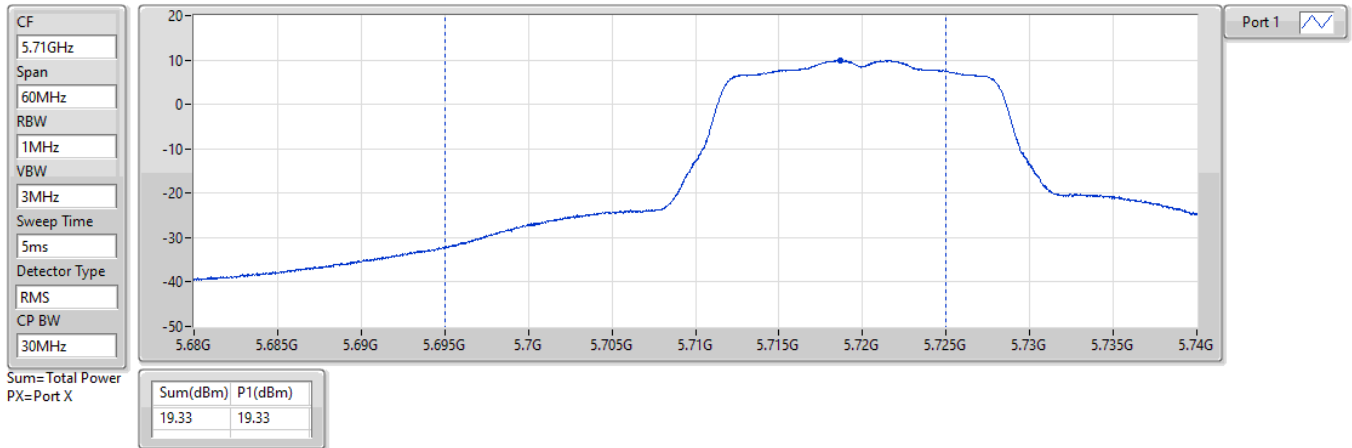
DG = Directional Gain; Port X = Port X output power



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

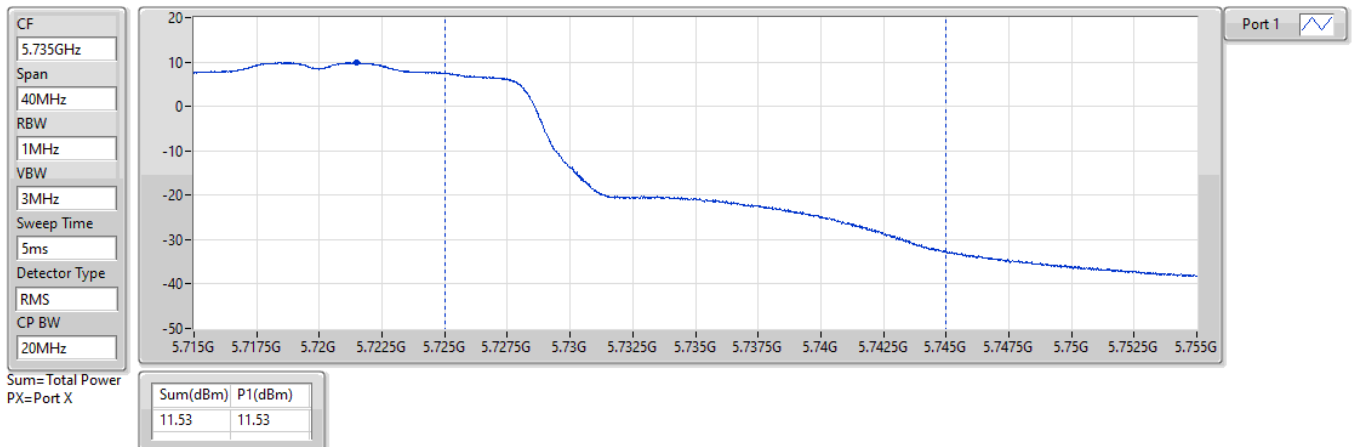
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

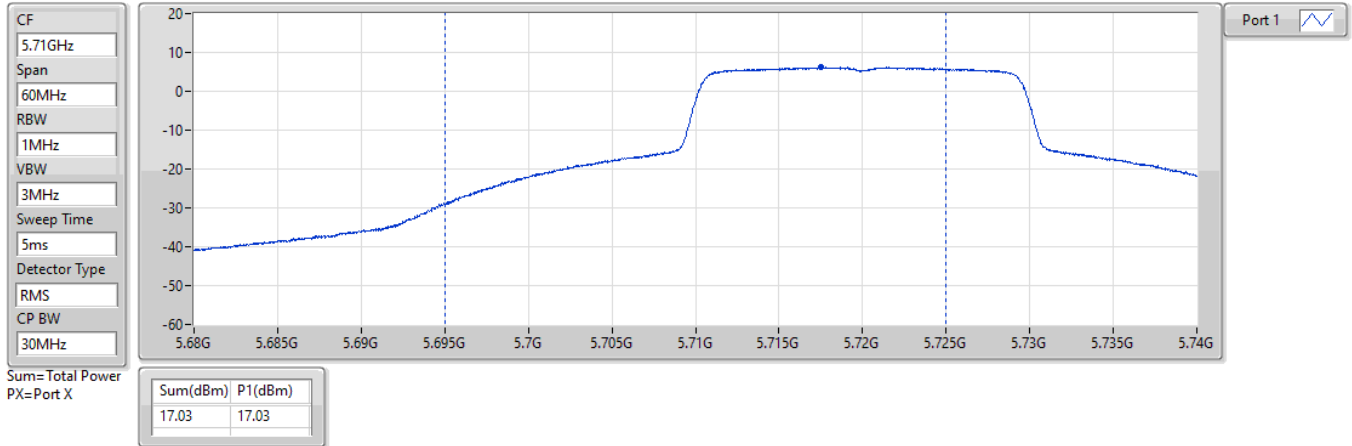




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

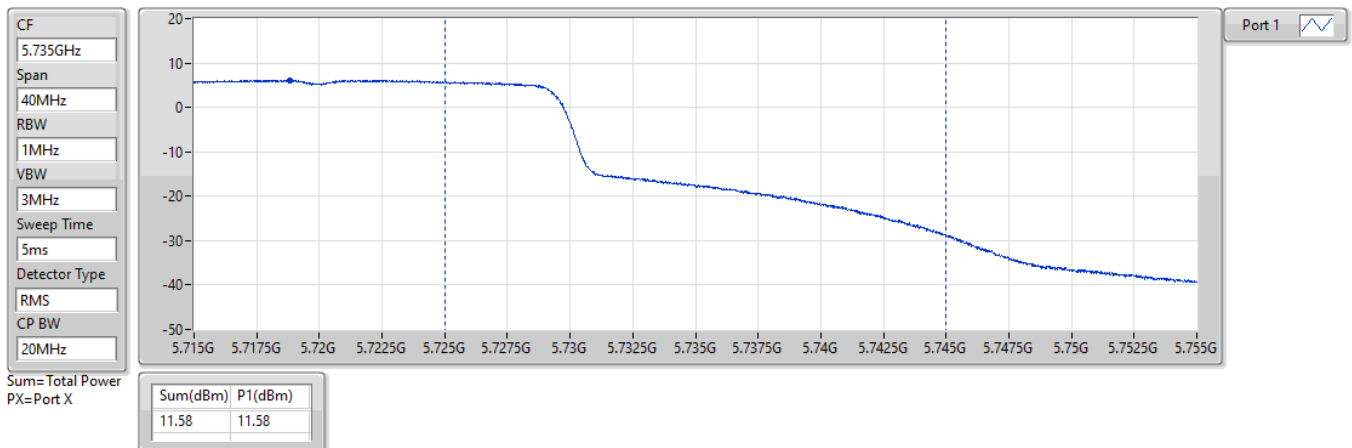
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	30M	1G	PK	4.40	-75.57	-75.57	4.7	-66.47	-55.20	-11.27
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	30M	1G	PK	4.40	-75.41	-75.41	4.7	-66.31	-55.20	-11.11

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	30M	1G	PK	51.15M	4.40	-75.57	-75.57	4.7	-66.47	-55.20	-11.27
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5825MHz	Pass	30M	1G	PK	30M	4.40	-75.41	-75.41	4.7	-66.31	-55.20	-11.11

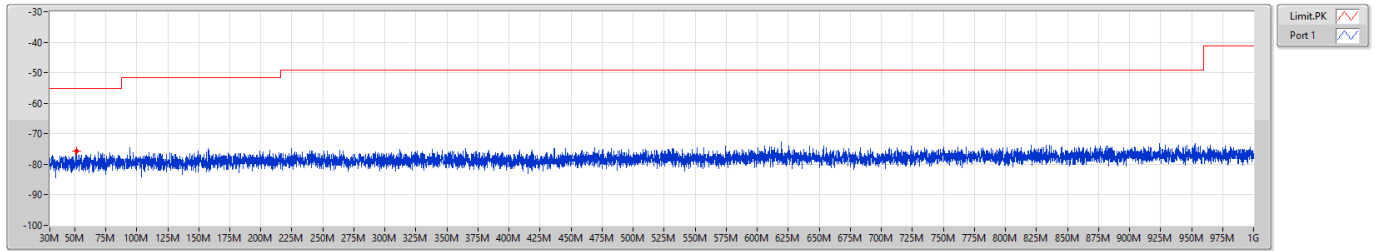
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5580MHz

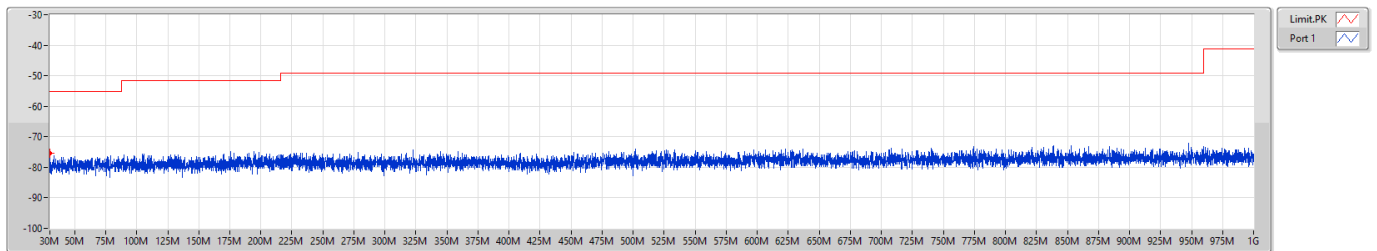


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
30M	1G	100k	PK	51.15M	-75.57	-75.57

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5825MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
30M	1G	100k	PK	30M	-75.41	-75.41

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	1G	4.5G	AV	4.40	-66.03	-66.03	-61.63	-41.2	-20.43
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	4.5G	AV	4.40	-59.93	-59.93	-55.53	-41.2	-14.33
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	1G	4.5G	AV	4.40	-70.01	-70.01	-65.61	-41.2	-24.41
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	4.5G	AV	4.40	-69.38	-69.38	-64.98	-41.2	-23.78

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	1G	4.5G	AV	3.99031G	4.40	-59.93	-59.93	-55.53	-41.2	-14.33
5320MHz	Pass	1G	4.5G	PK	4.41206G	4.40	-63.71	-63.71	-59.31	-27	-32.31
5745MHz	Pass	1G	4.5G	AV	3.83019G	4.40	-69.38	-69.38	-64.98	-41.2	-23.78
5745MHz	Pass	1G	4.5G	PK	3.43688G	4.40	-63.33	-63.33	-58.93	-27	-31.93
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	4.5G	AV	3.88488G	4.40	-66.03	-66.03	-61.63	-41.2	-20.43
5180MHz	Pass	1G	4.5G	PK	4.41906G	4.40	-63.34	-63.34	-58.94	-27	-31.94
5700MHz	Pass	1G	4.5G	AV	3.8G	4.40	-70.01	-70.01	-65.61	-41.2	-24.41
5700MHz	Pass	1G	4.5G	PK	3.28725G	4.40	-62.76	-62.76	-58.36	-27	-31.36

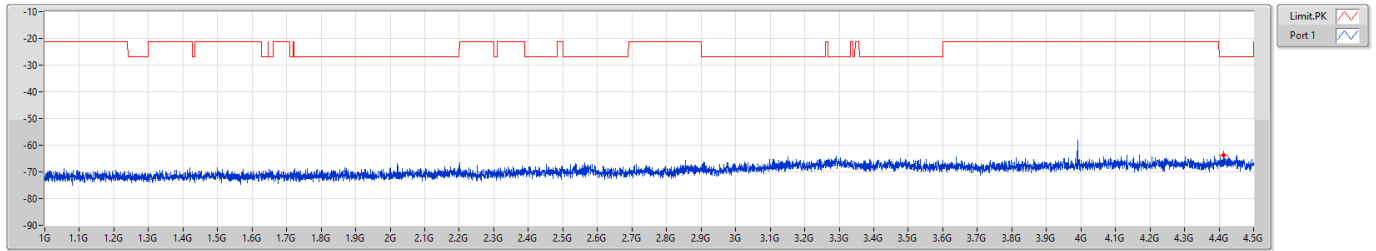
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5320MHz

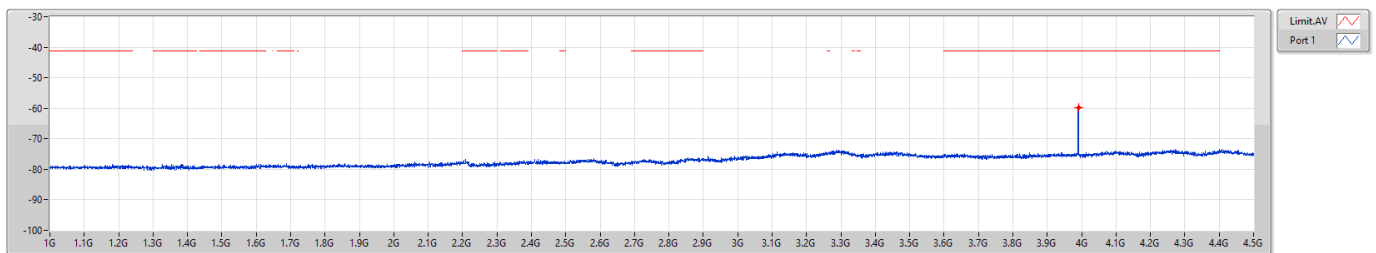


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
1G	4.5G	1M	PK	4.41206G	-63.71	-63.71

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5320MHz



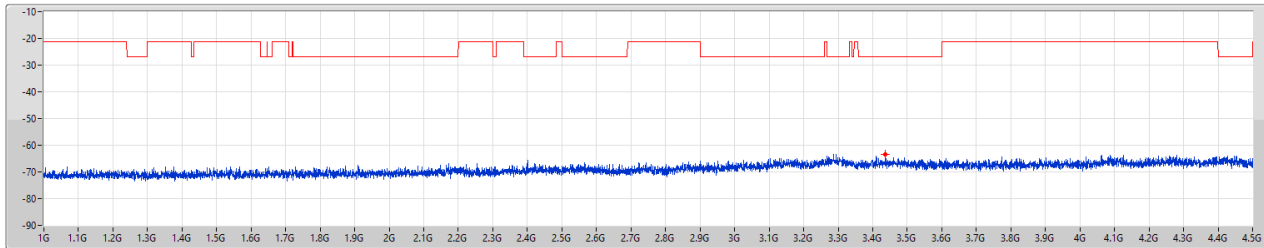
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.99031G	-59.93	-59.93



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5745MHz

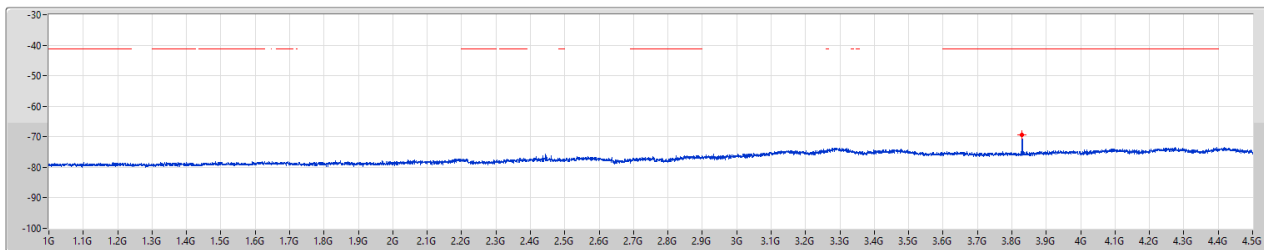


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.43688G	-63.33	-63.33

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5745MHz



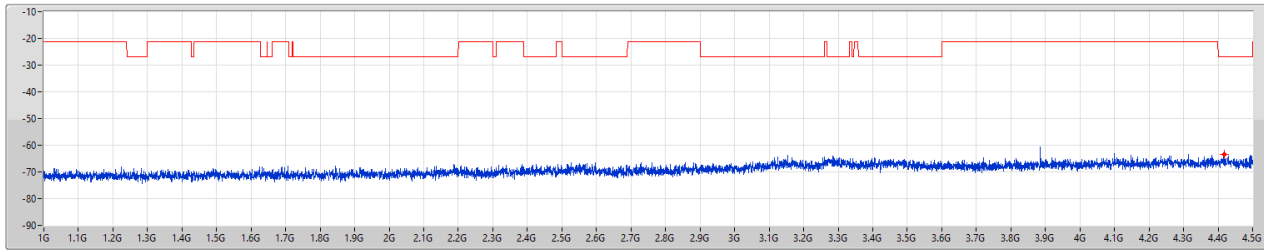
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.83019G	-69.38	-69.38



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5180MHz



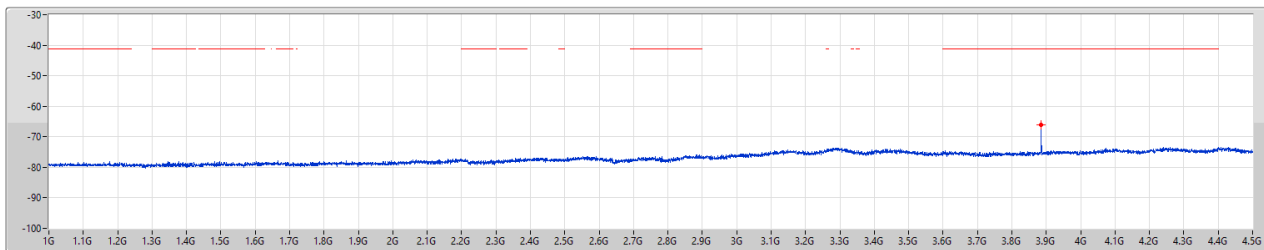
Limit PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	4.41906G	-63.34	-63.34

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

5180MHz



Limit AV
Port 1

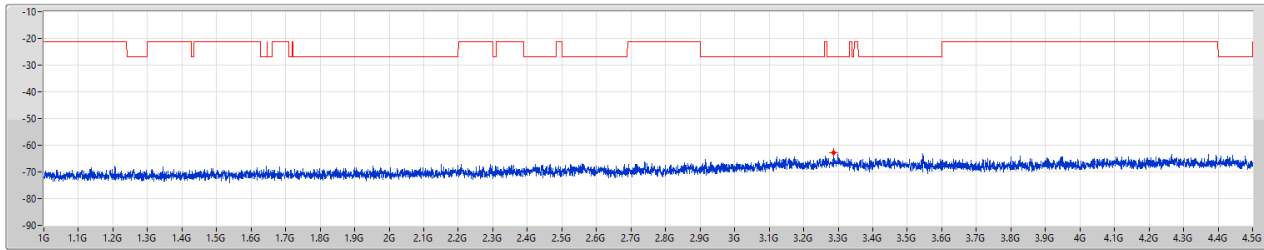
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.88488G	-66.03	-66.03



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5700MHz

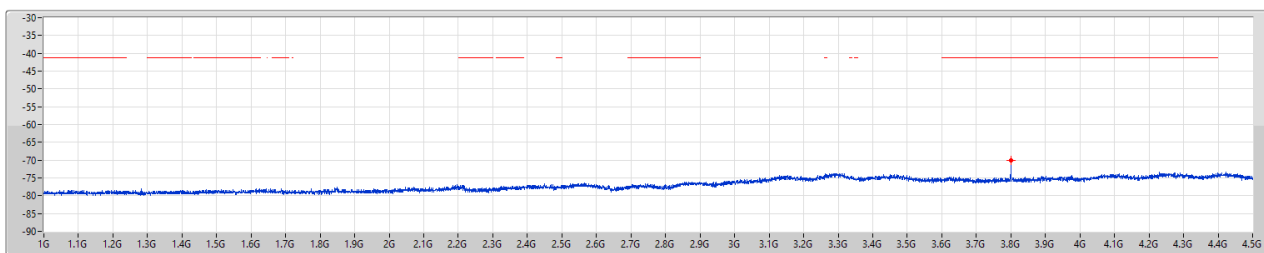


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.28725G	-62.76	-62.76

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

5700MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.8G	-70.01	-70.01

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	5.1G	5.15G	AV	5.14985G	4.40	-49.93	-49.93	-45.53	-41.20	-4.33
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.35G	5.38G	AV	5.35012G	4.40	-50.93	-50.93	-46.53	-41.2	-5.33
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	5.725G	5.75G	PK	5.72575G	4.40	-34.85	-34.85	-30.45	-27.00	-3.45
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	4.5G	5.6G	AV	5.39375G	4.40	-61.07	-61.07	-56.67	-41.20	-15.47

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

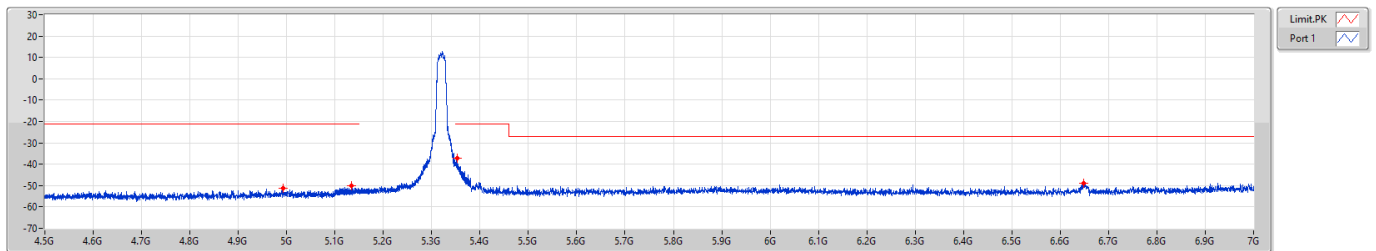
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	4.5G	5.1G	AV	4.9725G	4.40	-62.47	-62.47	-58.07	-41.2	-16.87
5320MHz	Pass	5.1G	5.15G	AV	5.1492G	4.40	-62.22	-62.22	-57.82	-41.2	-16.62
5320MHz	Pass	5.35G	5.38G	AV	5.35012G	4.40	-50.93	-50.93	-46.53	-41.2	-5.33
5320MHz	Pass	5.38G	7G	AV	5.39256G	4.40	-59.16	-59.16	-54.76	-41.2	-13.56
5320MHz	Pass	4.5G	5.1G	PK	4.9923G	4.40	-51.09	-51.09	-46.69	-21.2	-25.49
5320MHz	Pass	5.1G	5.15G	PK	5.13365G	4.40	-50.04	-50.04	-45.64	-21.2	-24.44
5320MHz	Pass	5.35G	5.38G	PK	5.3533G	4.40	-37.14	-37.14	-32.74	-21.2	-11.54
5320MHz	Pass	5.38G	7G	PK	6.64846G	4.40	-48.88	-48.88	-44.48	-27	-17.48
5745MHz	Pass	4.5G	5.6G	AV	5.39375G	4.40	-61.07	-61.07	-56.67	-41.20	-15.47
5745MHz	Pass	4.5G	5.6G	PK	5.59927G	4.40	-50.11	-50.11	-45.71	-27.00	-18.71
5745MHz	Pass	5.6G	5.65G	PK	5.6463G	4.40	-48.70	-48.70	-44.30	-27.00	-17.30
5745MHz	Pass	5.65G	5.7G	PK	5.6502G	4.40	-48.69	-48.69	-44.29	-26.85	-17.44
5745MHz	Pass	5.7G	5.72G	PK	5.7191G	4.40	-22.57	-22.57	-18.17	15.35	-33.52
5745MHz	Pass	5.72G	5.725G	PK	5.72032G	4.40	-22.13	-22.13	-17.73	16.32	-34.05
5745MHz	Pass	5.85G	5.855G	PK	5.855G	4.40	-49.27	-49.27	-44.87	15.61	-60.48
5745MHz	Pass	5.855G	5.875G	PK	5.87498G	4.40	-49.47	-49.47	-45.07	10.01	-55.08
5745MHz	Pass	5.875G	5.925G	PK	5.925G	4.40	-49.68	-49.68	-45.28	-27.00	-18.28
5745MHz	Pass	5.925G	7G	PK	6.88981G	4.40	-49.55	-49.55	-45.15	-27.00	-18.15
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.0991G	4.40	-61.03	-61.03	-56.63	-41.20	-15.43
5180MHz	Pass	5.1G	5.15G	AV	5.14985G	4.40	-49.93	-49.93	-45.53	-41.20	-4.33
5180MHz	Pass	5.35G	5.38G	AV	5.37784G	4.40	-62.33	-62.33	-57.93	-41.20	-16.73
5180MHz	Pass	5.38G	7G	AV	5.41807G	4.40	-62.53	-62.53	-58.13	-41.20	-16.93
5180MHz	Pass	4.5G	5.1G	PK	4.6299G	4.40	-51.53	-51.53	-47.13	-21.20	-25.93
5180MHz	Pass	5.1G	5.15G	PK	5.14695G	4.40	-30.33	-30.33	-25.93	-21.20	-4.73
5180MHz	Pass	5.35G	5.38G	PK	5.35651G	4.40	-50.41	-50.41	-46.01	-21.20	-24.81
5180MHz	Pass	5.38G	7G	PK	6.47148G	4.40	-49.29	-49.29	-44.89	-27.00	-17.89
5700MHz	Pass	4.5G	5.35G	AV	4.9845G	4.40	-62.89	-62.89	-58.49	-41.20	-17.29
5700MHz	Pass	5.35G	5.47G	AV	5.42884G	4.40	-62.54	-62.54	-58.14	-41.20	-16.94
5700MHz	Pass	4.5G	5.35G	PK	5.2701G	4.40	-52.12	-52.12	-47.72	-27.00	-20.72
5700MHz	Pass	5.35G	5.46G	PK	5.38157G	4.40	-51.22	-51.22	-46.82	-21.20	-25.62
5700MHz	Pass	5.46G	5.47G	PK	5.46447G	4.40	-51.22	-51.22	-46.82	-27.00	-19.82
5700MHz	Pass	5.725G	5.75G	PK	5.72575G	4.40	-34.85	-34.85	-30.45	-27.00	-3.45
5700MHz	Pass	5.75G	7G	PK	6.90406G	4.40	-48.67	-48.67	-44.27	-27.00	-17.27

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

5320MHz

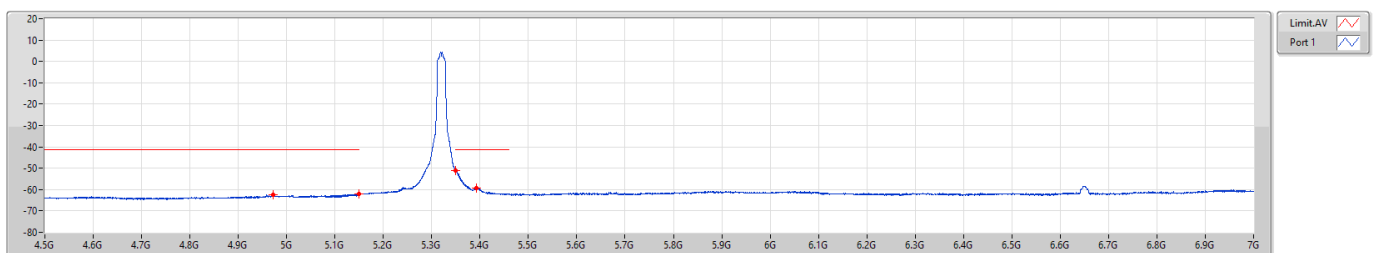


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.1G	1M	PK	4.9923G	-51.09	-51.09
5.1G	5.15G	1M	PK	5.13365G	-50.04	-50.04
5.35G	5.38G	1M	PK	5.3533G	-37.14	-37.14
5.38G	7G	1M	PK	6.64846G	-48.88	-48.88

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

5320MHz

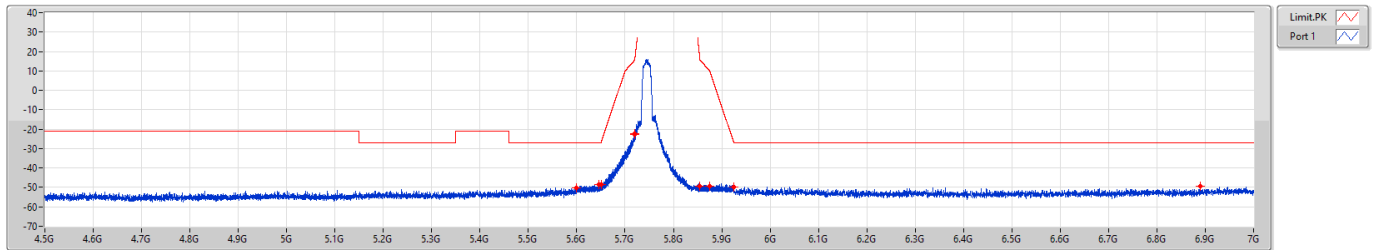


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.1G	1M	AV	4.9725G	-62.47	-62.47
5.1G	5.15G	1M	AV	5.1492G	-62.22	-62.22
5.35G	5.38G	1M	AV	5.35012G	-50.93	-50.93
5.38G	7G	1M	AV	5.39256G	-59.16	-59.16

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

5745MHz

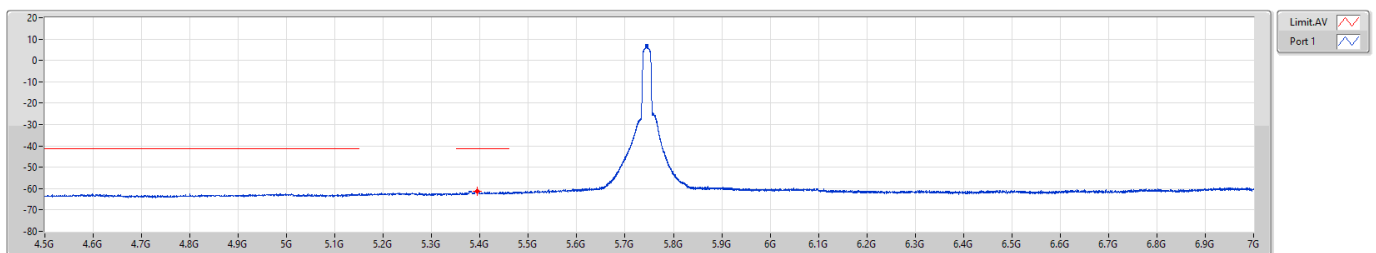


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.6G	1M	PK	5.59927G	-50.11	-50.11
5.6G	5.65G	1M	PK	5.6463G	-48.70	-48.70
5.65G	5.7G	1M	PK	5.6902G	-48.69	-48.69
5.7G	5.72G	1M	PK	5.7191G	-22.57	-22.57
5.72G	5.725G	1M	PK	5.72032G	-22.13	-22.13
5.85G	5.855G	1M	PK	5.855G	-49.27	-49.27
5.855G	5.875G	1M	PK	5.87498G	-49.47	-49.47
5.875G	5.925G	1M	PK	5.925G	-49.68	-49.68
5.925G	7G	1M	PK	6.88981G	-49.55	-49.55

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

5745MHz

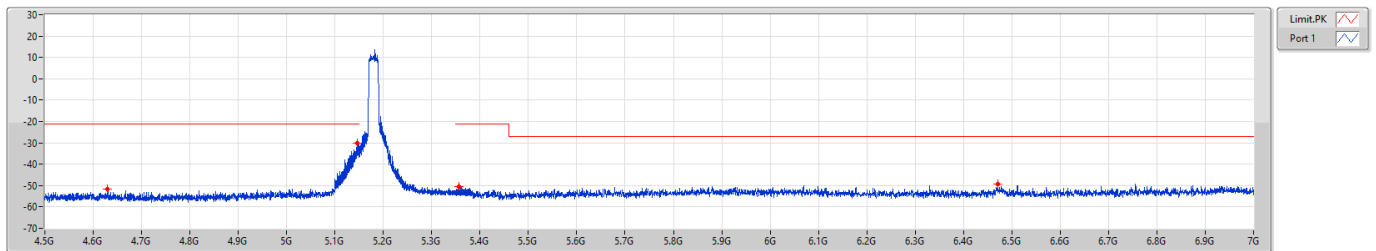


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.6G	1M	AV	5.39375G	-61.07	-61.07

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

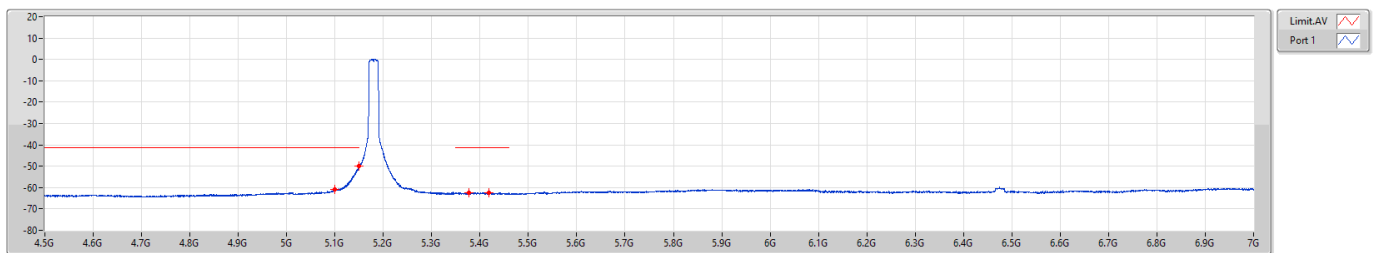
5180MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5180MHz

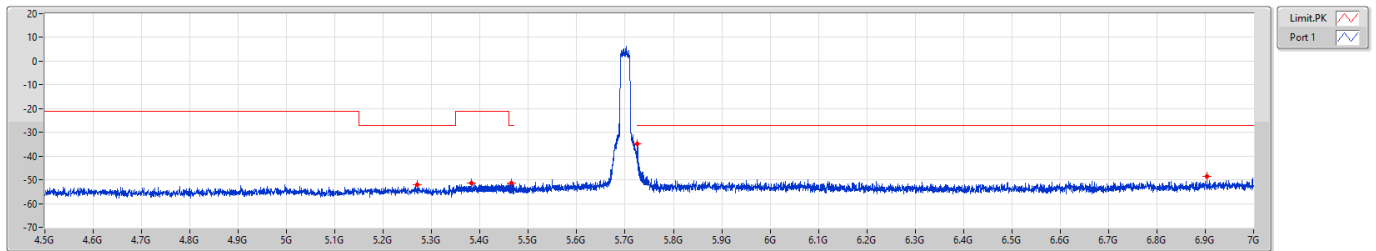




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

5700MHz

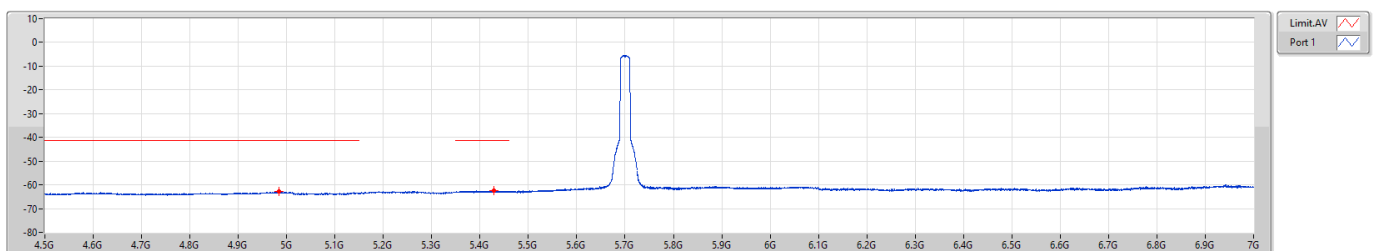


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.2701G	-52.12	-52.12
5.35G	5.46G	1M	PK	5.38137G	-51.22	-51.22
5.46G	5.47G	1M	PK	5.46447G	-51.22	-51.22
5.725G	5.75G	1M	PK	5.72575G	-34.85	-34.85
5.75G	7G	1M	PK	6.90406G	-48.67	-48.67

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5700MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	4.9845G	-62.89	-62.89
5.35G	5.47G	1M	AV	5.42884G	-62.54	-62.54

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	18G	40G	AV	4.40	-57.25	-57.25	-52.85	-41.20	-11.65
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	18G	40G	AV	4.40	-56.61	-56.61	-52.21	-41.20	-11.01
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	18G	40G	AV	4.40	-57.14	-57.14	-52.74	-41.20	-11.54
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	18G	40G	AV	4.40	-57.14	-57.14	-52.74	-41.20	-11.54

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Unwanted Conducted Emissions(7G~40G)

Appendix D.4

Result

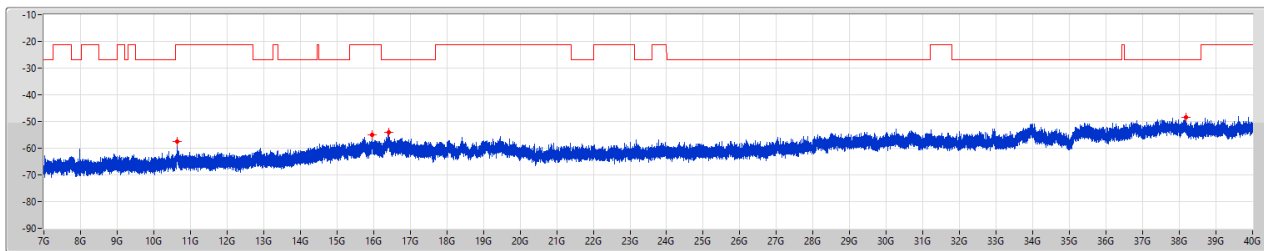
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	7G	18G	AV	10.63791G	4.40	-64.11	-64.11	-59.71	-41.20	-18.51
5320MHz	Pass	7G	18G	AV	15.954G	4.40	-63.18	-63.18	-58.78	-41.20	-17.58
5320MHz	Pass	18G	40G	AV	40G	4.40	-56.61	-56.61	-52.21	-41.20	-11.01
5320MHz	Pass	7G	18G	PK	10.63653G	4.40	-57.61	-57.61	-53.21	-21.20	-32.01
5320MHz	Pass	7G	18G	PK	15.96088G	4.40	-55.09	-55.09	-50.69	-21.20	-29.49
5320MHz	Pass	7G	18G	PK	16.41806G	4.40	-54.10	-54.10	-49.70	-27.00	-22.70
5320MHz	Pass	18G	40G	PK	38.18225G	4.40	-48.38	-48.38	-43.98	-27.00	-16.98
5745MHz	Pass	7G	18G	AV	7.66069G	4.40	-61.62	-61.62	-57.22	-41.20	-16.02
5745MHz	Pass	7G	18G	AV	11.49006G	4.40	-66.47	-66.47	-62.07	-41.20	-20.87
5745MHz	Pass	7G	18G	AV	17.70025G	4.40	-67.00	-67.00	-62.60	-41.20	-21.40
5745MHz	Pass	18G	40G	AV	39.83569G	4.40	-57.14	-57.14	-52.74	-41.20	-11.54
5745MHz	Pass	7G	18G	PK	11.4935G	4.40	-57.09	-57.09	-52.69	-21.20	-31.49
5745MHz	Pass	7G	18G	PK	16.40706G	4.40	-54.99	-54.99	-50.59	-27.00	-23.59
5745MHz	Pass	7G	18G	PK	17.23309G	4.40	-55.32	-55.32	-50.92	-27.00	-23.92
5745MHz	Pass	18G	40G	PK	37.7175G	4.40	-48.22	-48.22	-43.82	-27.00	-16.82
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7G	18G	AV	10.60009G	4.40	-72.68	-72.68	-68.28	-41.20	-27.08
5180MHz	Pass	7G	18G	AV	15.54597G	4.40	-66.23	-66.23	-61.83	-41.20	-20.63
5180MHz	Pass	7G	18G	AV	15.73434G	4.40	-65.36	-65.36	-60.96	-41.20	-19.76
5180MHz	Pass	18G	40G	AV	39.97663G	4.40	-57.25	-57.25	-52.85	-41.20	-11.65
5180MHz	Pass	7G	18G	PK	10.35672G	4.40	-59.70	-59.70	-55.30	-27.00	-28.30
5180MHz	Pass	7G	18G	PK	15.54459G	4.40	-56.23	-56.23	-51.83	-21.20	-30.63
5180MHz	Pass	7G	18G	PK	16.41084G	4.40	-54.71	-54.71	-50.31	-27.00	-23.31
5180MHz	Pass	18G	40G	PK	37.53119G	4.40	-48.35	-48.35	-43.95	-27.00	-16.95
5700MHz	Pass	7G	18G	AV	11.40172G	4.40	-69.70	-69.70	-65.30	-41.20	-24.10
5700MHz	Pass	7G	18G	AV	15.73194G	4.40	-64.63	-64.63	-60.23	-41.20	-19.03
5700MHz	Pass	7G	18G	AV	17.70025G	4.40	-67.63	-67.63	-63.23	-41.20	-22.03
5700MHz	Pass	18G	40G	AV	39.7965G	4.40	-57.14	-57.14	-52.74	-41.20	-11.54
5700MHz	Pass	7G	18G	PK	11.38866G	4.40	-61.42	-61.42	-57.02	-21.20	-35.82
5700MHz	Pass	7G	18G	PK	16.37028G	4.40	-54.66	-54.66	-50.26	-27.00	-23.26
5700MHz	Pass	7G	18G	PK	17.09009G	4.40	-57.16	-57.16	-52.76	-27.00	-25.76
5700MHz	Pass	18G	40G	PK	37.57794G	4.40	-48.22	-48.22	-43.82	-27.00	-16.82

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5320MHz



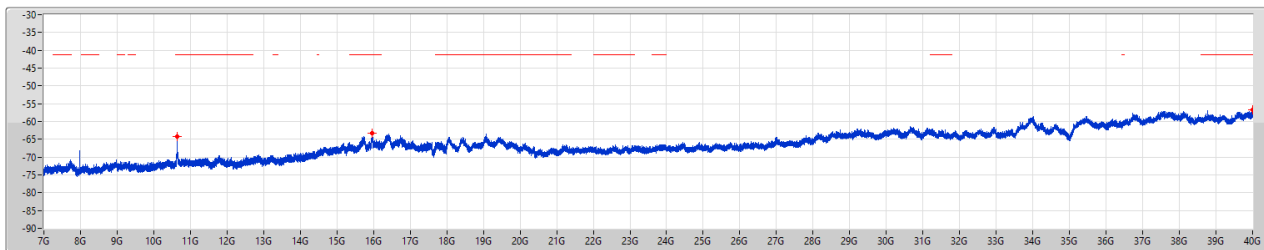
Limit PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	10.63653G	-57.61	-57.61
7G	18G	1M	PK	15.96088G	-55.09	-55.09
7G	18G	1M	PK	16.41806G	-54.10	-54.10
18G	40G	1M	PK	38.18225G	-48.38	-48.38

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5320MHz



Limit AV
Port 1

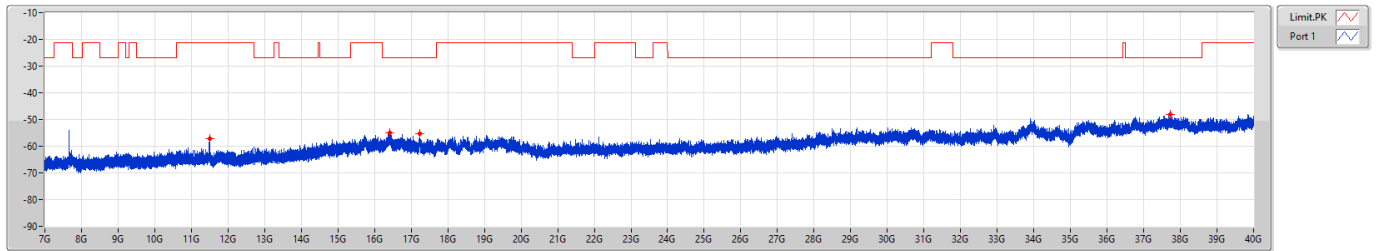
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	10.63791G	-64.11	-64.11
7G	18G	1M	AV	15.954G	-63.18	-63.18
18G	40G	1M	AV	40G	-56.61	-56.61



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5745MHz

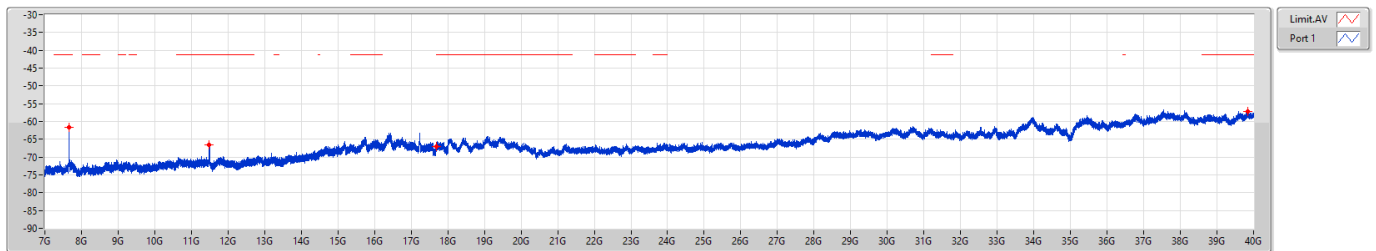


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.4935G	-57.09	-57.09
7G	18G	1M	PK	16.40706G	-54.99	-54.99
7G	18G	1M	PK	17.23309G	-55.32	-55.32
18G	40G	1M	PK	37.7175G	-48.22	-48.22

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5745MHz



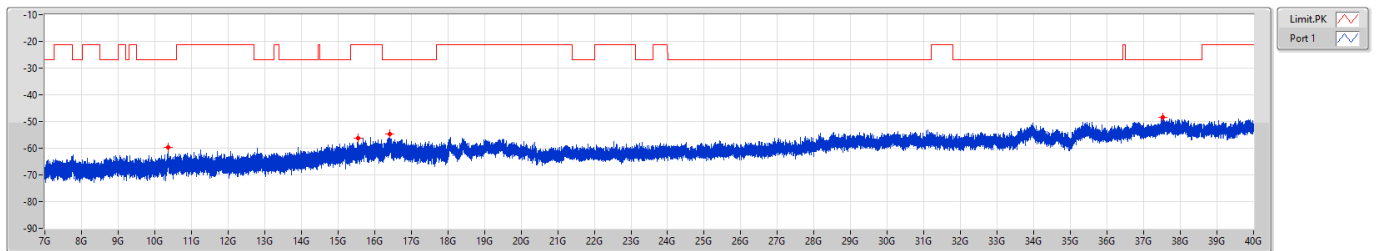
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	7.66069G	-61.62	-61.62
7G	18G	1M	AV	11.49006G	-66.47	-66.47
7G	18G	1M	AV	17.70025G	-67.00	-67.00
18G	40G	1M	AV	39.83569G	-57.14	-57.14



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

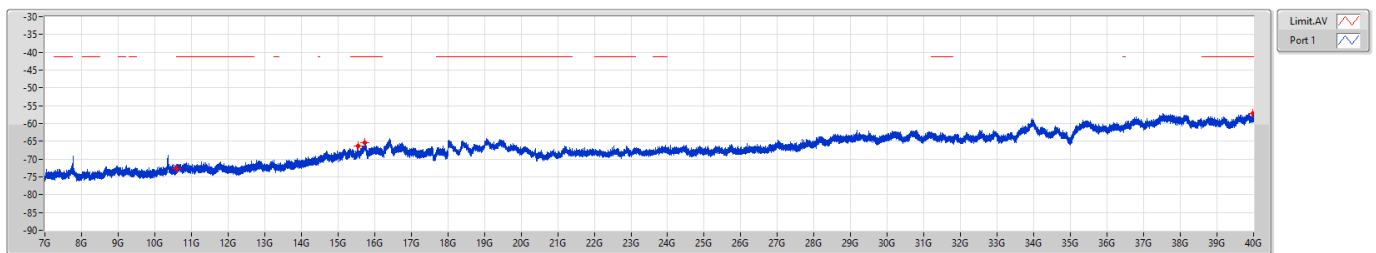
5180MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5180MHz

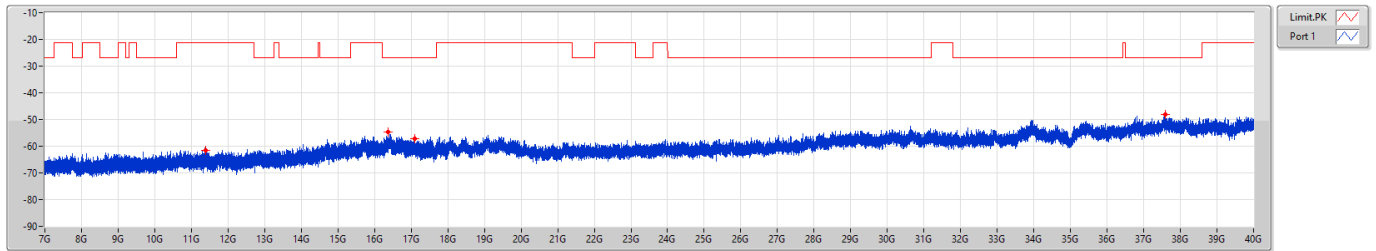




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

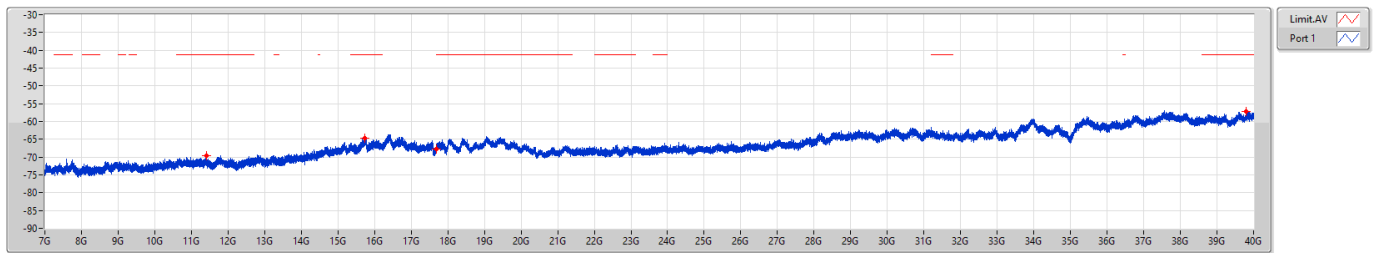
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5700MHz





Summary

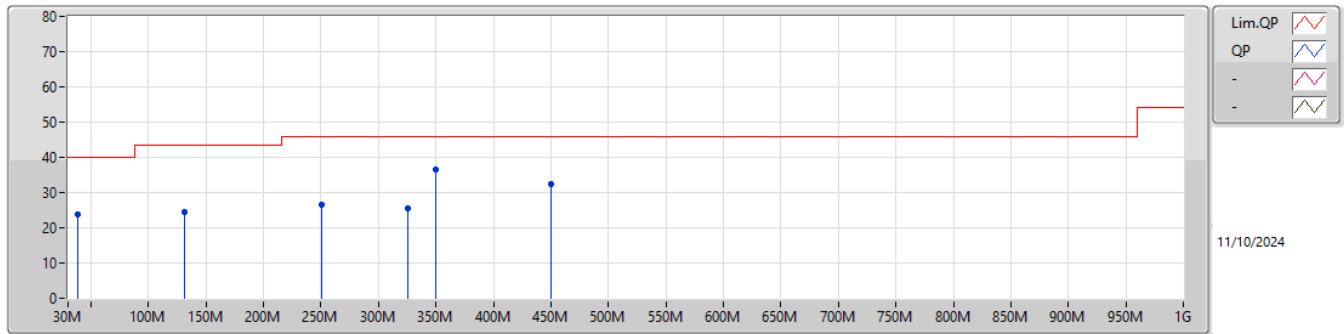
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.67	46.00	-3.33	Vertical
Mode 2	Pass	QP	450.01M	42.64	46.00	-3.21	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 1



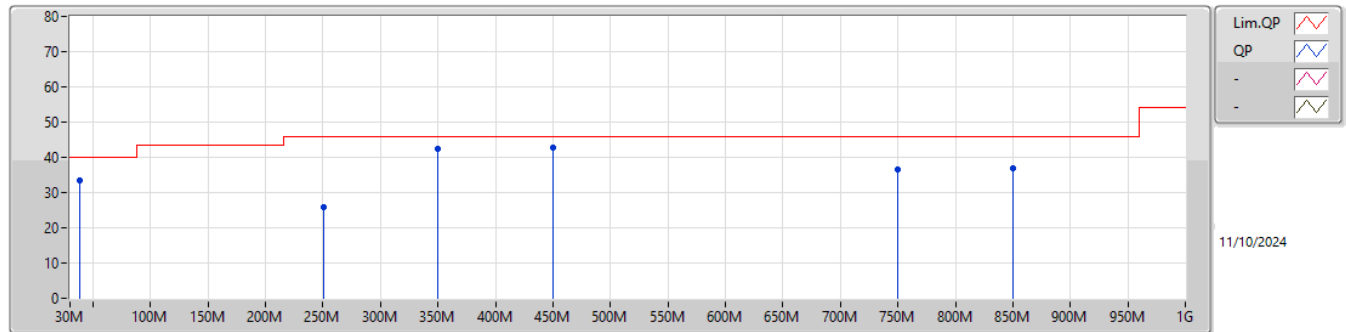
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.68M	23.68	40.00	-16.32	-9.16	3	Horizontal	-	-	-	32.84	18.37	0.58	28.11		
PK	131.47M	24.55	43.50	-18.95	-9.91	3	Horizontal	-	-	-	34.46	17.20	1.14	28.25		
PK	250.11M	26.48	46.00	-19.52	-9.78	3	Horizontal	-	-	-	36.26	16.90	1.57	28.25		
PK	325.12M	25.68	46.00	-20.32	-7.20	3	Horizontal	-	-	-	32.88	19.20	1.81	28.21		
PK	350.1M	36.44	46.00	-9.56	-6.88	3	Horizontal	-	-	-	43.32	19.50	1.82	28.20		
PK	450.01M	32.51	46.00	-13.49	-4.11	3	Horizontal	-	-	-	36.62	22.10	1.98	28.19		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 1



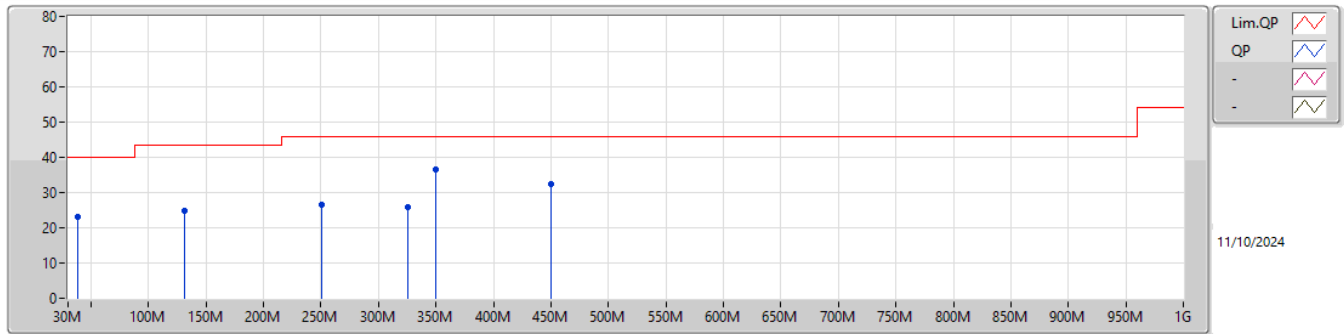
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.51M	33.31	40.00	-6.69	-9.18	3	Vertical	-	-	-	42.49	18.35	0.58	28.11		
PK	250.22M	25.77	46.00	-20.23	-9.77	3	Vertical	-	-	-	35.54	16.91	1.57	28.25		
QP	350.1M	42.26	46.00	-3.74	-6.88	3	Vertical	106	1.28	-	49.14	19.50	1.82	28.20		
QP	450.01M	42.67	46.00	-3.33	-4.11	3	Vertical	208	1.00	-	46.78	22.10	1.98	28.19		
PK	749.89M	36.55	46.00	-9.45	1.82	3	Vertical	-	-	-	34.73	27.00	2.75	27.93		
PK	850.13M	36.86	46.00	-9.14	3.13	3	Vertical	-	-	-	33.73	28.00	2.89	27.76		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 2



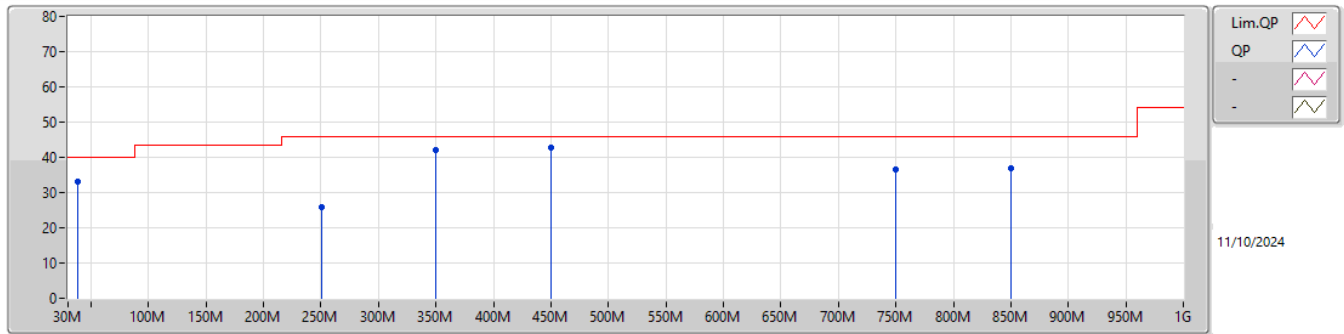
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.75M	23.22	40.00	-16.78	-9.16	3	Horizontal	-	-	-	32.38	18.37	0.58	28.11		
PK	131.56M	24.66	43.50	-18.84	-9.91	3	Horizontal	-	-	-	34.57	17.20	1.14	28.25		
PK	250.23M	26.58	46.00	-19.42	-9.77	3	Horizontal	-	-	-	36.35	16.91	1.57	28.25		
PK	325.44M	25.77	46.00	-20.23	-7.19	3	Horizontal	-	-	-	32.96	19.21	1.81	28.21		
PK	350.1M	36.51	46.00	-9.49	-6.88	3	Horizontal	-	-	-	43.39	19.50	1.82	28.20		
PK	450.01M	32.47	46.00	-13.53	-4.11	3	Horizontal	-	-	-	36.58	22.10	1.98	28.19		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.57M	33.27	40.00	-6.69	-9.16	3	Vertical	-	-	-	42.47	18.37	0.58	28.11		
PK	250.21M	25.74	46.00	-20.12	-9.77	3	Vertical	-	-	-	35.65	16.91	1.57	28.25		
QP	350.1M	42.08	46.00	-3.84	-6.88	3	Vertical	105	1.22	-	49.04	19.50	1.82	28.20		
QP	450.01M	42.64	46.00	-3.21	-4.11	3	Vertical	216	1.00	-	46.90	22.10	1.98	28.19		
PK	750.11M	36.72	46.00	-9.16	1.84	3	Vertical	-	-	-	35.00	27.01	2.75	27.92		
PK	849.89M	37.02	46.00	-8.89	3.12	3	Vertical	-	-	-	33.99	27.99	2.89	27.76		



Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.72G	45.66	54.00	-8.34	3	Vertical	23	2.08	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.9G	46.32	54.00	-7.68	3	Vertical	23	2.08	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	16.74G	59.51	68.20	-8.69	3	Horizontal	132	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	PK	17.475G	61.57	68.20	-6.63	3	Vertical	2	2.08	-

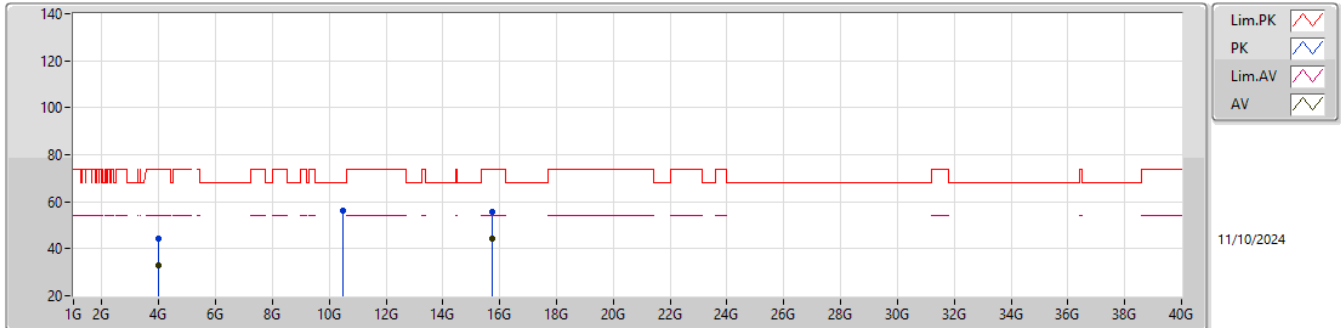


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

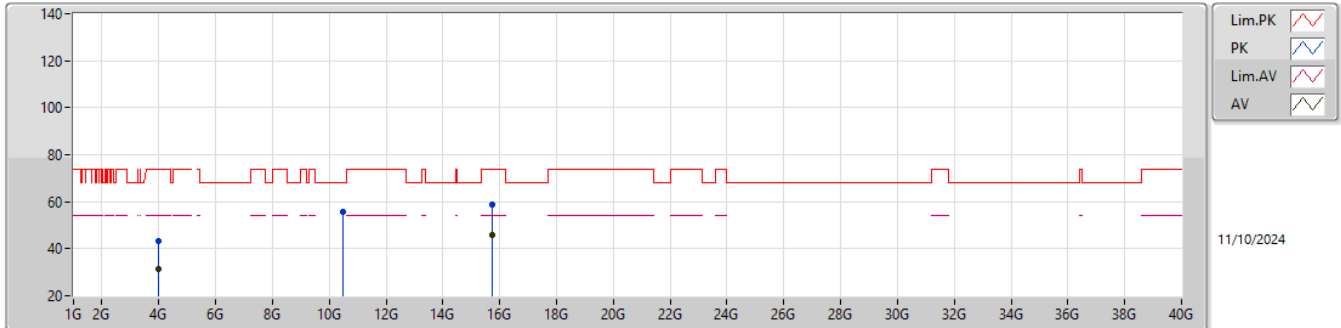


Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	32.85	54.00	-21.15	35.12	3	Horizontal	186	1.88	-	29.70	6.02	37.99			
PK	4G	44.45	74.00	-29.55	46.72	3	Horizontal	186	1.88	-	29.70	6.02	37.99			
PK	10.48G	56.04	68.20	-12.16	48.55	3	Horizontal	176	1.00	-	39.64	10.02	42.17			
AV	15.72G	44.17	54.00	-9.83	39.84	3	Horizontal	121	1.00	-	38.36	11.55	45.58			
PK	15.72G	55.59	74.00	-18.41	51.26	3	Horizontal	121	1.00	-	38.36	11.55	45.58			



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	31.48	54.00	-22.52	33.75	3	Vertical	186	1.57	-	29.70	6.02	37.99				
PK	4G	43.40	74.00	-30.60	45.67	3	Vertical	186	1.57	-	29.70	6.02	37.99				
PK	10.48G	55.54	68.20	-12.66	48.05	3	Vertical	205	1.00	-	39.64	10.02	42.17				
AV	15.72G	45.66	54.00	-8.34	41.33	3	Vertical	23	2.08	-	38.36	11.55	45.58				
PK	15.72G	58.76	74.00	-15.24	54.43	3	Vertical	23	2.08	-	38.36	11.55	45.58				

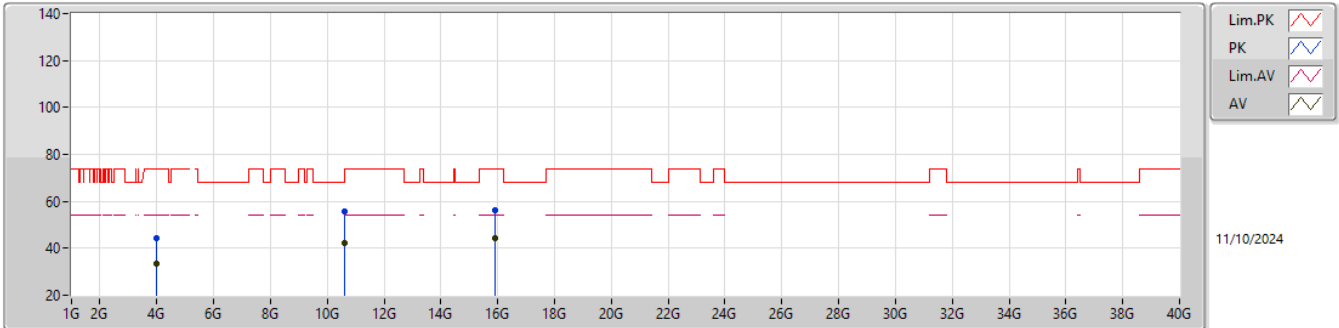


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	33.20	54.00	-20.80	35.47	3	Horizontal	191	1.86	-	29.70	6.02	37.99			
PK	4G	44.16	74.00	-29.84	46.43	3	Horizontal	191	1.86	-	29.70	6.02	37.99			
AV	10.6G	42.46	54.00	-11.54	34.67	3	Horizontal	222	1.00	-	40.00	10.04	42.25			
PK	10.6G	55.86	74.00	-18.14	48.07	3	Horizontal	222	1.00	-	40.00	10.04	42.25			
AV	15.9G	44.38	54.00	-9.62	39.95	3	Horizontal	126	1.00	-	38.20	11.71	45.48			
PK	15.9G	56.16	74.00	-17.84	51.73	3	Horizontal	126	1.00	-	38.20	11.71	45.48			

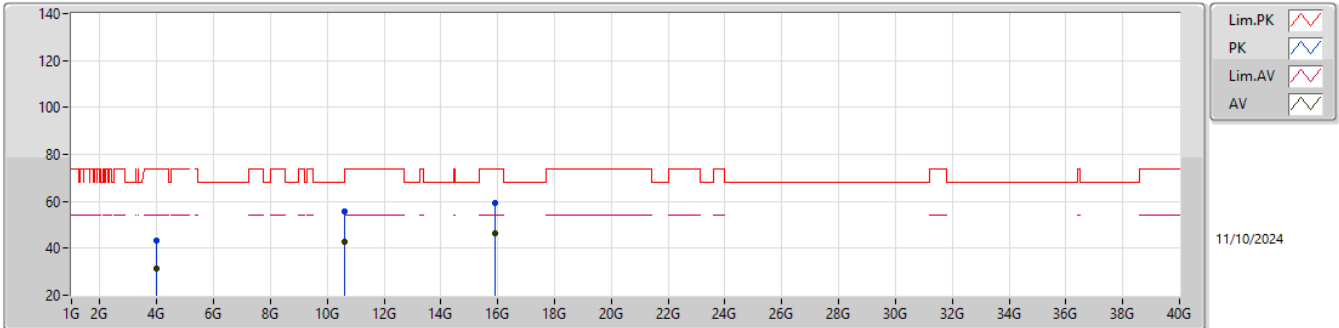


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	31.22	54.00	-22.78	33.49	3	Vertical	188	1.79	-	29.70	6.02	37.99			
PK	4G	43.51	74.00	-30.49	45.78	3	Vertical	188	1.79	-	29.70	6.02	37.99			
AV	10.6G	42.68	54.00	-11.32	34.89	3	Vertical	243	1.00	-	40.00	10.04	42.25			
PK	10.6G	55.76	74.00	-18.24	47.97	3	Vertical	243	1.00	-	40.00	10.04	42.25			
AV	15.9G	46.32	54.00	-7.68	41.89	3	Vertical	23	2.08	-	38.20	11.71	45.48			
PK	15.9G	59.44	74.00	-14.56	55.01	3	Vertical	23	2.08	-	38.20	11.71	45.48			

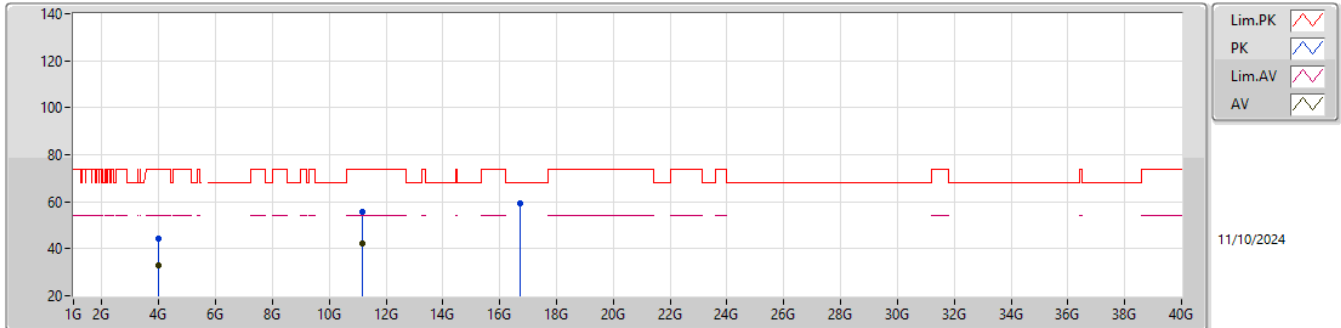


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	32.86	54.00	-21.14	35.13	3	Horizontal	186	1.77	-	29.70	6.02	37.99				
PK	4G	44.13	74.00	-29.87	46.40	3	Horizontal	186	1.77	-	29.70	6.02	37.99				
AV	11.16G	42.26	54.00	-11.74	35.11	3	Horizontal	248	1.00	-	39.64	10.14	42.63				
PK	11.16G	55.84	74.00	-18.16	48.69	3	Horizontal	248	1.00	-	39.64	10.14	42.63				
PK	16.74G	59.51	68.20	-8.69	52.10	3	Horizontal	132	1.00	-	41.30	12.20	46.09				

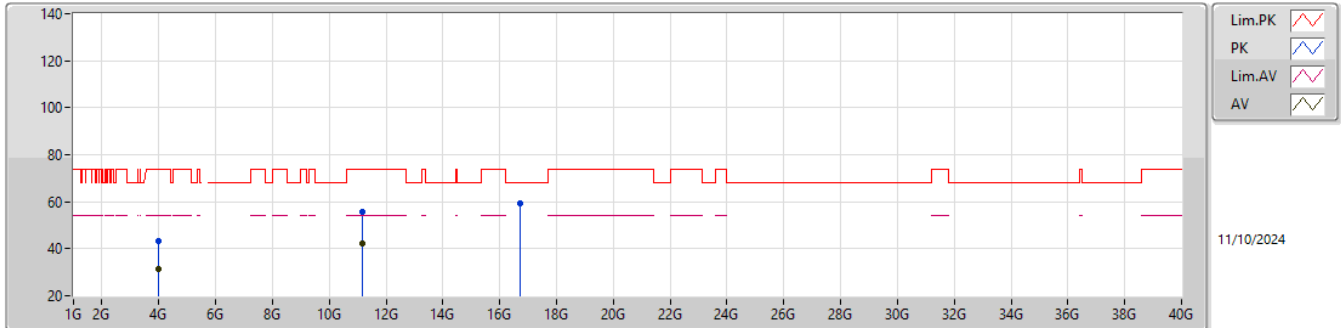


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	31.28	54.00	-22.72	33.55	3	Vertical	177	1.81	-	29.70	6.02	37.99				
PK	4G	43.26	74.00	-30.74	45.53	3	Vertical	177	1.81	-	29.70	6.02	37.99				
AV	11.16G	42.44	54.00	-11.56	35.29	3	Vertical	156	1.00	-	39.64	10.14	42.63				
PK	11.16G	55.51	74.00	-18.49	48.36	3	Vertical	156	1.00	-	39.64	10.14	42.63				
PK	16.74G	59.48	68.20	-8.72	52.07	3	Vertical	27	1.88	-	41.30	12.20	46.09				

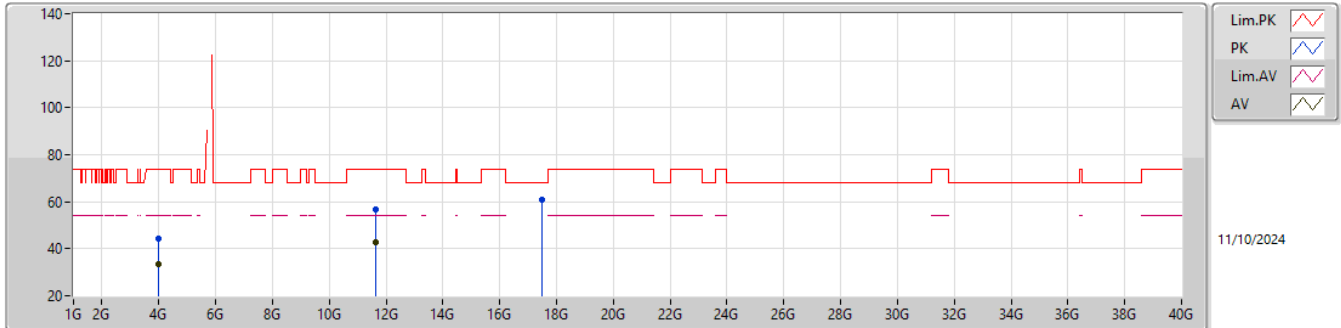


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

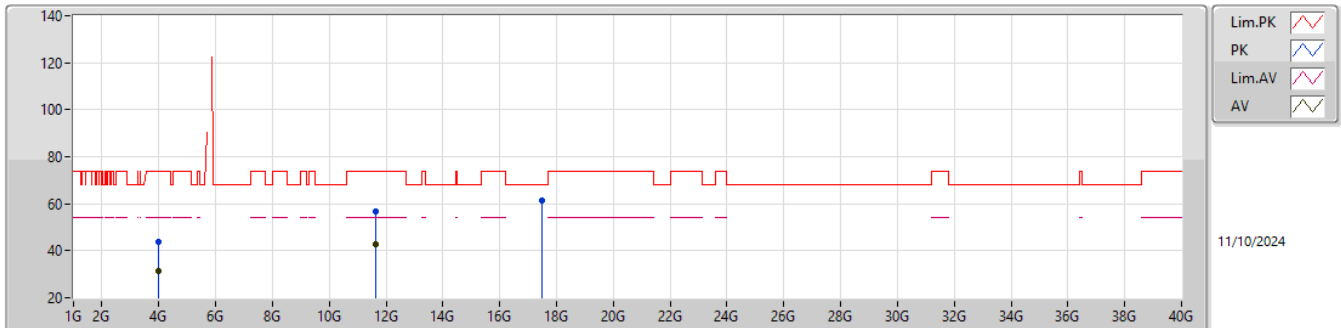
5825MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	33.26	54.00	-20.74	35.53	3	Horizontal	186	1.58	-	29.70	6.02	37.99				
PK	4G	44.48	74.00	-29.52	46.75	3	Horizontal	186	1.58	-	29.70	6.02	37.99				
AV	11.65G	42.86	54.00	-11.14	35.99	3	Horizontal	248	1.00	-	39.50	10.20	42.83				
PK	11.65G	56.57	74.00	-17.43	49.70	3	Horizontal	248	1.00	-	39.50	10.20	42.83				
PK	17.475G	60.88	68.20	-7.32	53.57	3	Horizontal	123	1.00	-	42.25	12.53	47.47				

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	31.28	54.00	-22.72	33.55	3	Vertical	186	1.77	-	29.70	6.02	37.99			
PK	4G	43.58	74.00	-30.42	45.85	3	Vertical	186	1.77	-	29.70	6.02	37.99			
AV	11.65G	42.76	54.00	-11.24	35.89	3	Vertical	154	1.00	-	39.50	10.20	42.83			
PK	11.65G	56.57	74.00	-17.43	49.70	3	Vertical	154	1.00	-	39.50	10.20	42.83			
PK	17.475G	61.57	68.20	-6.63	54.26	3	Vertical	2	2.08	-	42.25	12.53	47.47			

Configuration 3: Laird part number: 453-00213

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.36	0.08630	23.76	0.23768
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	19.43	0.08770	23.83	0.24155
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.26	0.08433	23.66	0.23227
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	17.51	0.05636	21.91	0.15524
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.16	0.10375	24.56	0.28576
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	18.20	0.06607	22.60	0.18197
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.90	0.09772	24.30	0.26915
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	20.11	0.10257	24.51	0.28249

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	16.24	16.24	24.00	20.64	30.00
5200MHz	Pass	4.40	19.36	19.36	24.00	23.76	30.00
5240MHz	Pass	4.40	19.24	19.24	24.00	23.64	30.00
5260MHz	Pass	4.40	19.26	19.26	24.00	23.66	30.00
5300MHz	Pass	4.40	19.25	19.25	24.00	23.65	30.00
5320MHz	Pass	4.40	16.11	16.11	24.00	20.51	30.00
5500MHz	Pass	4.40	17.4	17.40	24.00	21.80	30.00
5580MHz	Pass	4.40	20.16	20.16	24.00	24.56	30.00
5700MHz	Pass	4.40	16.2	16.20	24.00	20.60	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	19.27	19.27	22.95	23.67	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.47	11.47	30.00	15.87	36.00
5745MHz	Pass	4.40	19.9	19.90	30.00	24.30	36.00
5785MHz	Pass	4.40	19.79	19.79	30.00	24.19	36.00
5825MHz	Pass	4.40	19.71	19.71	30.00	24.11	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5180MHz	Pass	4.40	14.65	14.65	24.00	19.05	30.00
5200MHz	Pass	4.40	16.5	16.50	24.00	20.90	30.00
5240MHz	Pass	4.40	19.43	19.43	24.00	23.83	30.00
5260MHz	Pass	4.40	17.51	17.51	24.00	21.91	30.00
5300MHz	Pass	4.40	17.5	17.50	24.00	21.90	30.00
5320MHz	Pass	4.40	15.64	15.64	24.00	20.04	30.00
5500MHz	Pass	4.40	14.31	14.31	24.00	18.71	30.00
5580MHz	Pass	4.40	18.2	18.20	24.00	22.60	30.00
5700MHz	Pass	4.40	8.95	8.95	24.00	13.35	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	17.16	17.16	24.00	21.56	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.54	11.54	30.00	15.94	36.00
5745MHz	Pass	4.40	20.02	20.02	30.00	24.42	36.00
5785MHz	Pass	4.40	20.03	20.03	30.00	24.43	36.00
5825MHz	Pass	4.40	20.11	20.11	30.00	24.51	36.00

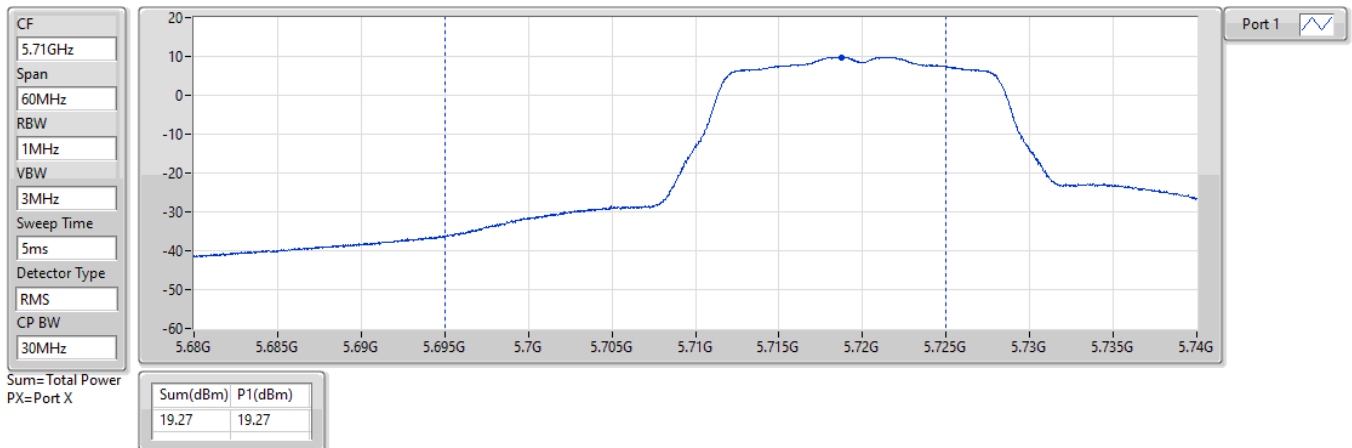
DG = Directional Gain; Port X = Port X output power



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

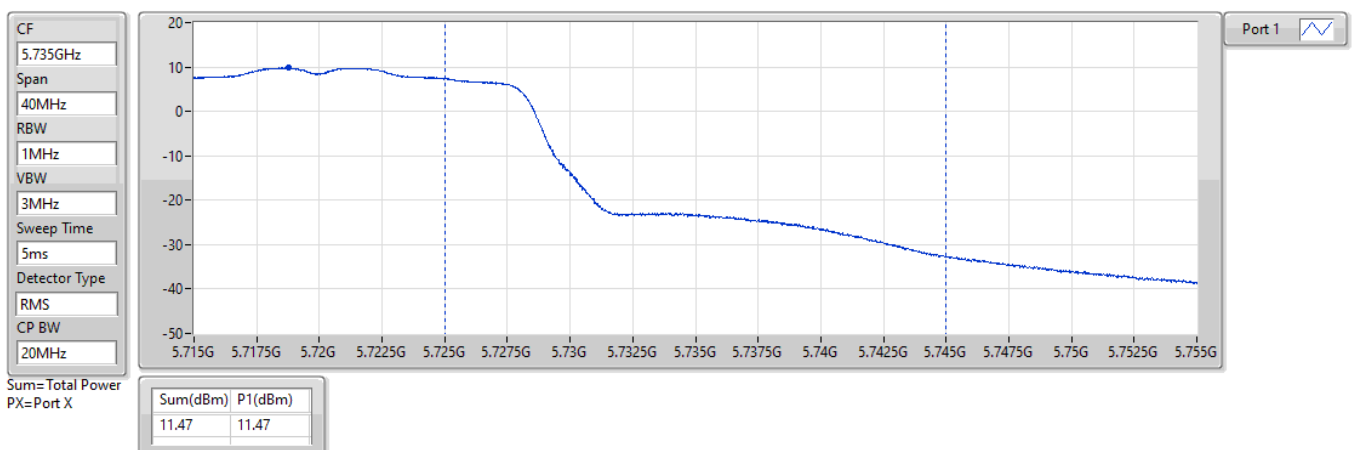
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

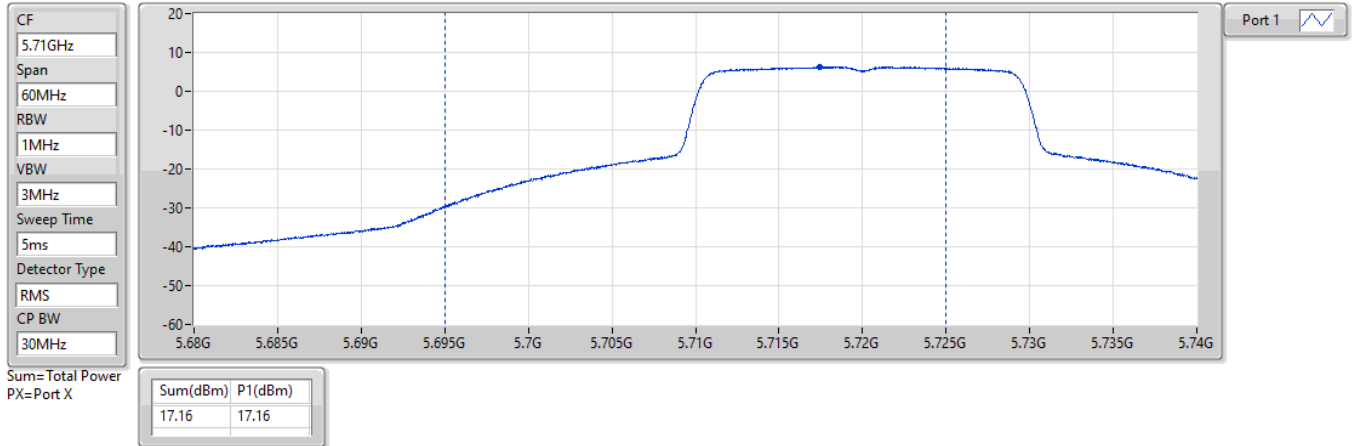




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

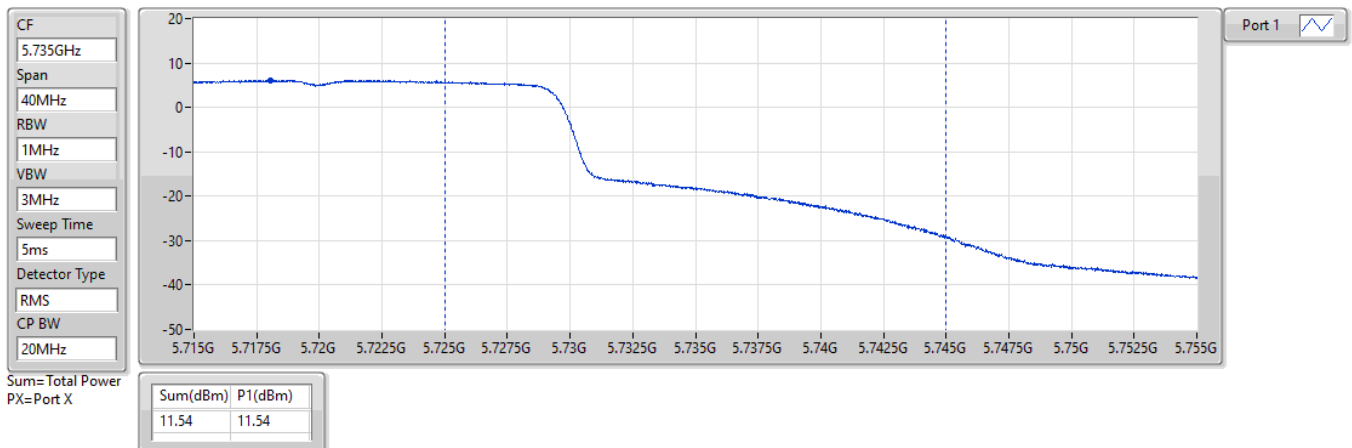
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	30M	1G	PK	4.40	-75.40	-75.40	4.7	-66.30	-55.20	-11.10
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	30M	1G	PK	4.40	-76.06	-76.06	4.7	-66.96	-55.20	-11.76

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	30M	1G	PK	70.26M	4.40	-75.40	-75.40	-66.30	-55.20	-11.10
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5825MHz	Pass	30M	1G	PK	55.12M	4.40	-76.06	-76.06	-66.96	-55.20	-11.76

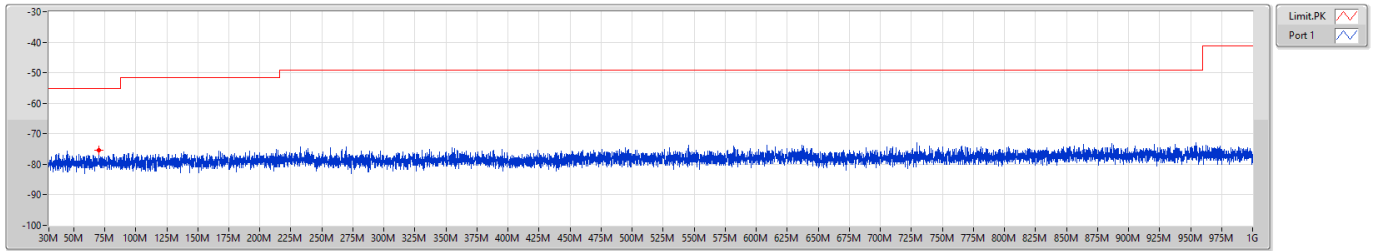
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5580MHz

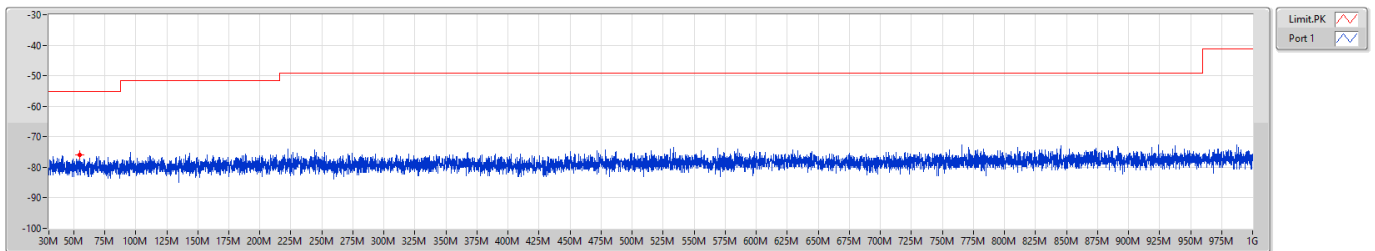


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
30M	1G	100k	PK	70.26M	-75.40	-75.40

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5825MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
30M	1G	100k	PK	55.12M	-76.06	-76.06

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	1G	4.5G	AV	4.40	-68.05	-68.05	-63.65	-41.20	-22.45
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	4.5G	AV	4.40	-60.61	-60.61	-56.21	-41.20	-15.01
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	1G	4.5G	AV	4.40	-73.21	-73.21	-68.81	-41.20	-27.61
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	4.5G	AV	4.40	-73.02	-73.02	-68.62	-41.20	-27.42

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

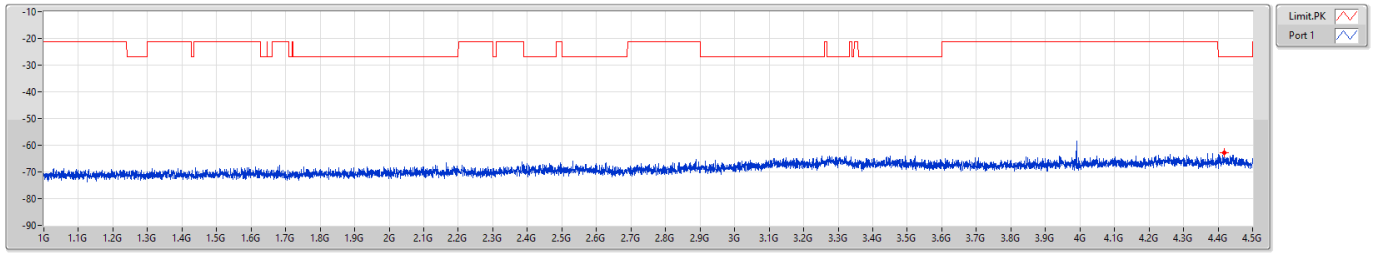
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	1G	4.5G	AV	3.99031G	4.40	-60.61	-60.61	-56.21	-41.20	-15.01
5320MHz	Pass	1G	4.5G	PK	4.41688G	4.40	-62.82	-62.82	-58.42	-27.00	-31.42
5745MHz	Pass	1G	4.5G	AV	3.83019G	4.40	-73.02	-73.02	-68.62	-41.20	-27.42
5745MHz	Pass	1G	4.5G	PK	3.39531G	4.40	-63.01	-63.01	-58.61	-27.00	-31.61
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	4.5G	AV	3.88531G	4.40	-68.05	-68.05	-63.65	-41.20	-22.45
5180MHz	Pass	1G	4.5G	PK	4.41425G	4.40	-62.83	-62.83	-58.43	-27.00	-31.43
5700MHz	Pass	1G	4.5G	AV	4.28606G	4.40	-73.21	-73.21	-68.81	-41.20	-27.61
5700MHz	Pass	1G	4.5G	PK	3.28419G	4.40	-62.94	-62.94	-58.54	-27.00	-31.54

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

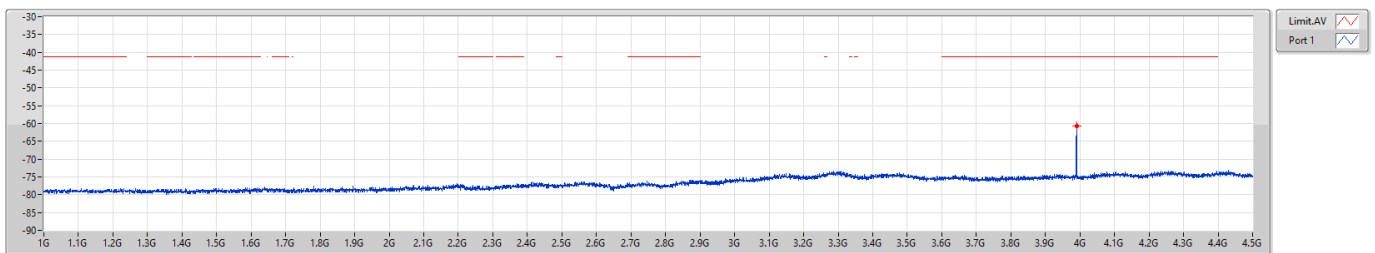
5320MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5320MHz

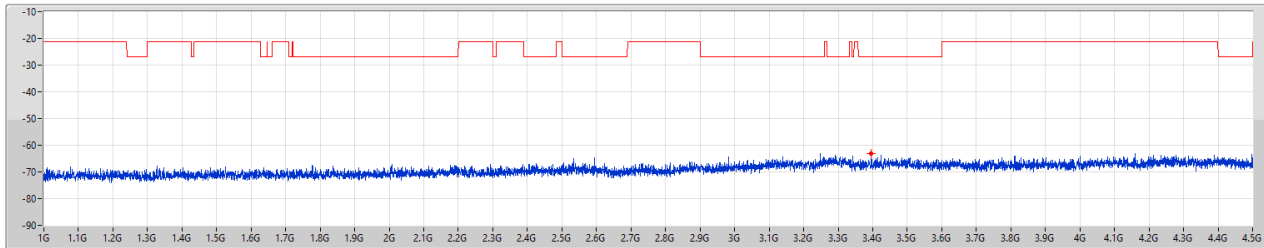




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5745MHz

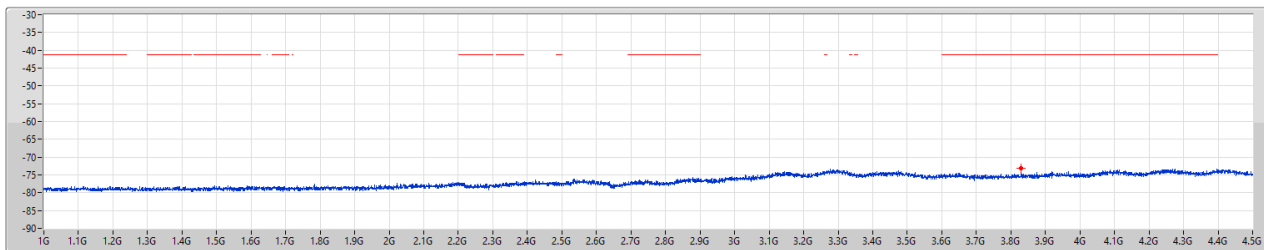


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.39531G	-63.01	-63.01

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5745MHz



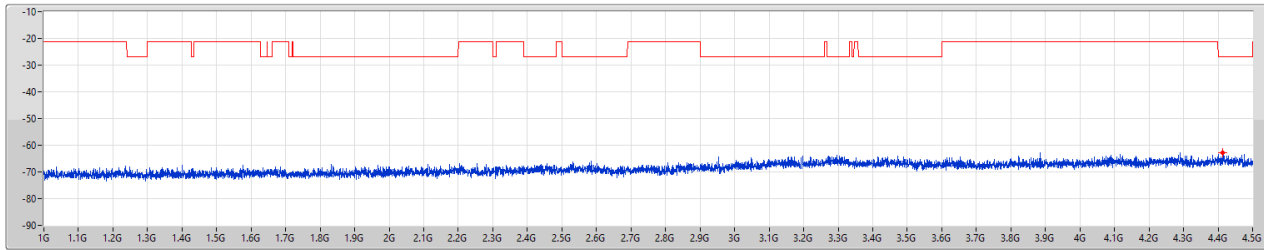
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.83019G	-73.02	-73.02



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5180MHz

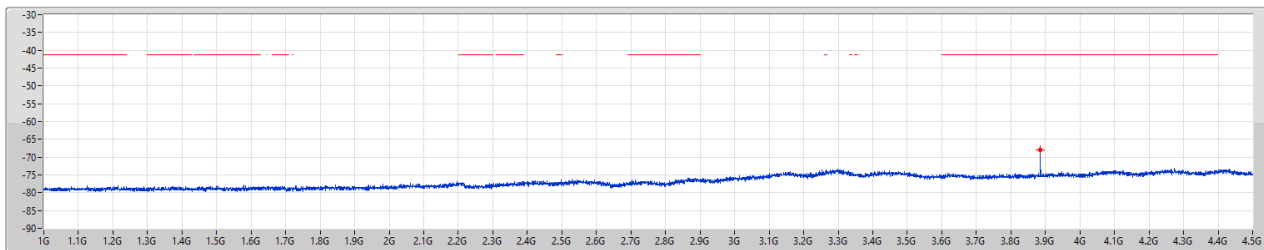


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	4.41425G	-62.83	-62.83

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

5180MHz



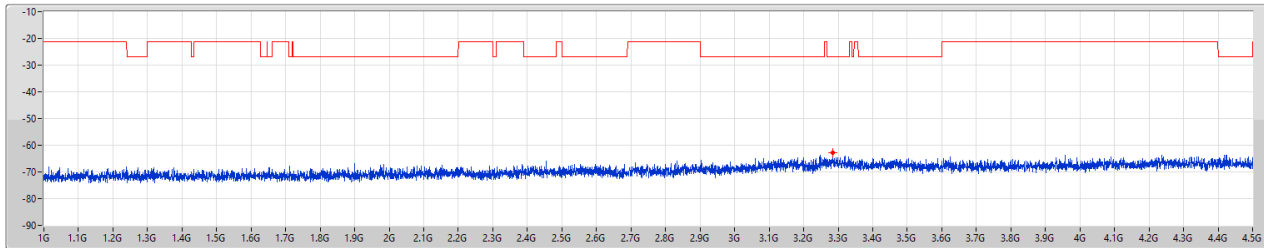
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.88531G	-68.05	-68.05



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

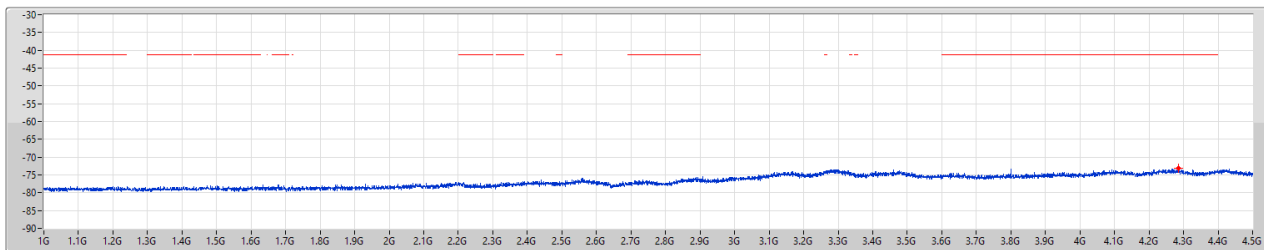
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

5700MHz



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	5.1G	5.15G	AV	5.1497G	4.40	-48.93	-48.93	-44.53	-41.20	-3.33
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.35G	5.38G	AV	5.35012G	4.40	-52.26	-52.26	-47.86	-41.2	-6.66
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	5.725G	5.75G	PK	5.72508G	4.40	-34.75	-34.75	-30.35	-27.00	-3.35
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	4.5G	5.6G	AV	5.39375G	4.40	-60.66	-60.66	-56.26	-41.20	-15.06

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

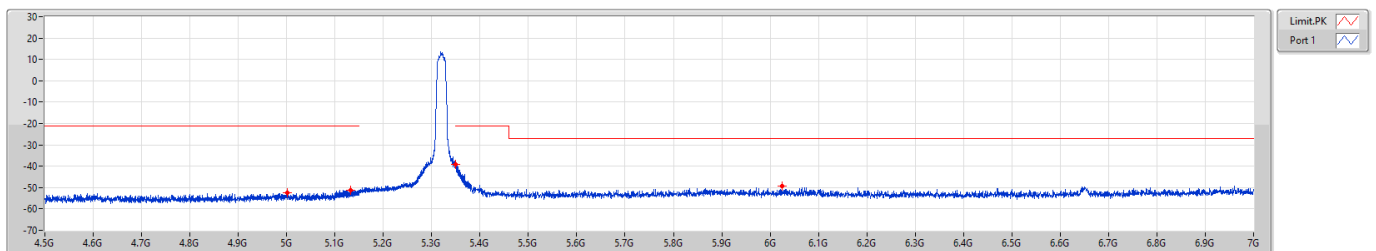
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	4.5G	5.1G	AV	4.9593G	4.40	-62.85	-62.85	-58.45	-41.2	-17.25
5320MHz	Pass	5.1G	5.15G	AV	5.14295G	4.40	-62.13	-62.13	-57.73	-41.2	-16.53
5320MHz	Pass	5.35G	5.38G	AV	5.35012G	4.40	-52.26	-52.26	-47.86	-41.2	-6.66
5320MHz	Pass	5.38G	7G	AV	5.3962G	4.40	-59.28	-59.28	-54.88	-41.2	-13.68
5320MHz	Pass	4.5G	5.1G	PK	5.0022G	4.40	-52.4	-52.4	-48.00	-21.2	-26.80
5320MHz	Pass	5.1G	5.15G	PK	5.13235G	4.40	-51.12	-51.12	-46.72	-21.2	-25.52
5320MHz	Pass	5.35G	5.38G	PK	5.35024G	4.40	-39.1	-39.1	-34.70	-21.2	-13.50
5320MHz	Pass	5.38G	7G	PK	6.02476G	4.40	-49.11	-49.11	-44.71	-27	-17.71
5745MHz	Pass	4.5G	5.6G	AV	5.39375G	4.40	-60.66	-60.66	-56.26	-41.20	-15.06
5745MHz	Pass	4.5G	5.6G	PK	5.5879G	4.40	-50.74	-50.74	-46.34	-27.00	-19.34
5745MHz	Pass	5.6G	5.65G	PK	5.6292G	4.40	-48.37	-48.37	-43.97	-27.00	-16.97
5745MHz	Pass	5.65G	5.7G	PK	5.65065G	4.40	-49.14	-49.14	-44.74	-26.52	-18.22
5745MHz	Pass	5.7G	5.72G	PK	5.71792G	4.40	-23.78	-23.78	-19.38	15.02	-34.40
5745MHz	Pass	5.72G	5.725G	PK	5.72007G	4.40	-22.44	-22.44	-18.04	15.76	-33.80
5745MHz	Pass	5.85G	5.855G	PK	5.85496G	4.40	-48.80	-48.80	-44.40	15.69	-60.09
5745MHz	Pass	5.855G	5.875G	PK	5.8732G	4.40	-48.23	-48.23	-43.83	10.50	-54.33
5745MHz	Pass	5.875G	5.925G	PK	5.92445G	4.40	-49.51	-49.51	-45.11	-26.59	-18.52
5745MHz	Pass	5.925G	7G	PK	6.76941G	4.40	-49.13	-49.13	-44.73	-27.00	-17.73
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.097G	4.40	-61.25	-61.25	-56.85	-41.20	-15.65
5180MHz	Pass	5.1G	5.15G	AV	5.1497G	4.40	-48.93	-48.93	-44.53	-41.20	-3.33
5180MHz	Pass	5.35G	5.38G	AV	5.36275G	4.40	-62.21	-62.21	-57.81	-41.20	-16.61
5180MHz	Pass	5.38G	7G	AV	5.42698G	4.40	-62.35	-62.35	-57.95	-41.20	-16.75
5180MHz	Pass	4.5G	5.1G	PK	5.0955G	4.40	-51.04	-51.04	-46.64	-21.20	-25.44
5180MHz	Pass	5.1G	5.15G	PK	5.14935G	4.40	-29.03	-29.03	-24.63	-21.20	-3.43
5180MHz	Pass	5.35G	5.38G	PK	5.35213G	4.40	-50.51	-50.51	-46.11	-21.20	-24.91
5180MHz	Pass	5.38G	7G	PK	6.12034G	4.40	-49.26	-49.26	-44.86	-27.00	-17.86
5700MHz	Pass	4.5G	5.35G	AV	5.1477G	4.40	-62.99	-62.99	-58.59	-41.20	-17.39
5700MHz	Pass	5.35G	5.47G	AV	5.42152G	4.40	-62.62	-62.62	-58.22	-41.20	-17.02
5700MHz	Pass	4.5G	5.35G	PK	5.26075G	4.40	-51.94	-51.94	-47.54	-27.00	-20.54
5700MHz	Pass	5.35G	5.46G	PK	5.40115G	4.40	-50.49	-50.49	-46.09	-21.20	-24.89
5700MHz	Pass	5.46G	5.47G	PK	5.4658G	4.40	-50.47	-50.47	-46.07	-27.00	-19.07
5700MHz	Pass	5.725G	5.75G	PK	5.72508G	4.40	-34.75	-34.75	-30.35	-27.00	-3.35
5700MHz	Pass	5.75G	7G	PK	6.06531G	4.40	-49.58	-49.58	-45.18	-27.00	-18.18

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

5320MHz

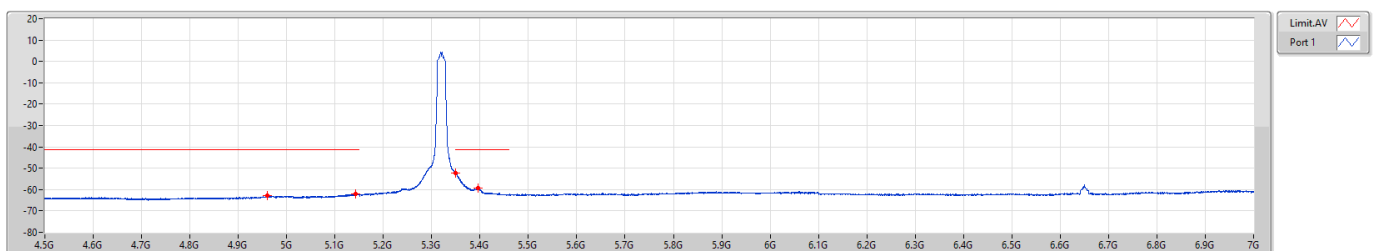


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.1G	1M	PK	5.0022G	-52.40	-52.40
5.1G	5.15G	1M	PK	5.13235G	-51.12	-51.12
5.35G	5.38G	1M	PK	5.35024G	-39.10	-39.10
5.38G	7G	1M	PK	6.02476G	-49.11	-49.11

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

5320MHz



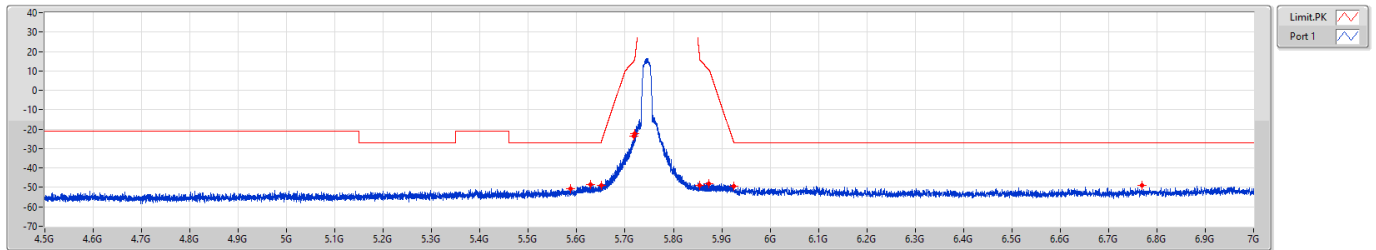
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.1G	1M	AV	4.9593G	-62.85	-62.85
5.1G	5.15G	1M	AV	5.14295G	-62.13	-62.13
5.35G	5.38G	1M	AV	5.35012G	-52.26	-52.26
5.38G	7G	1M	AV	5.3962G	-59.28	-59.28



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

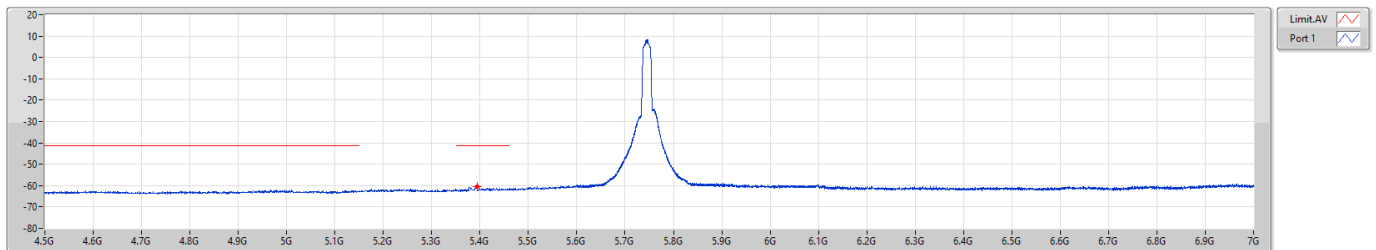
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

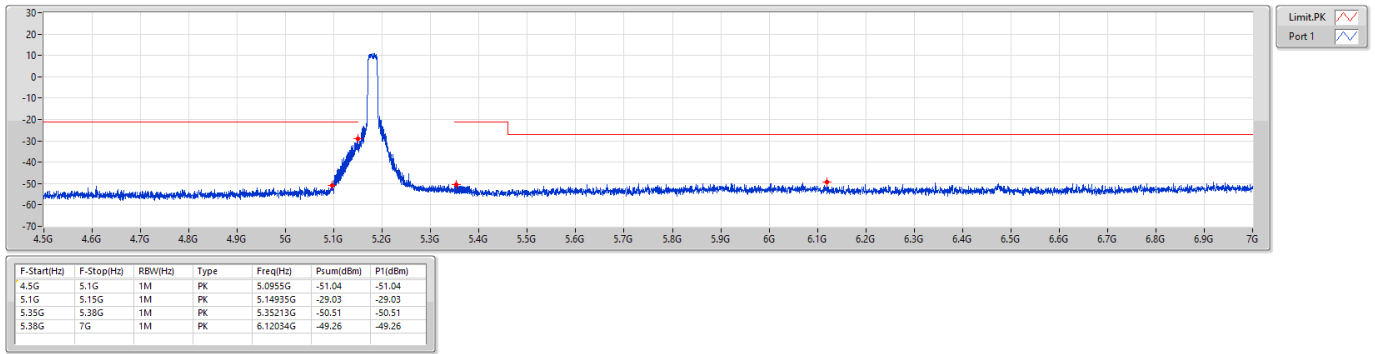
5745MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

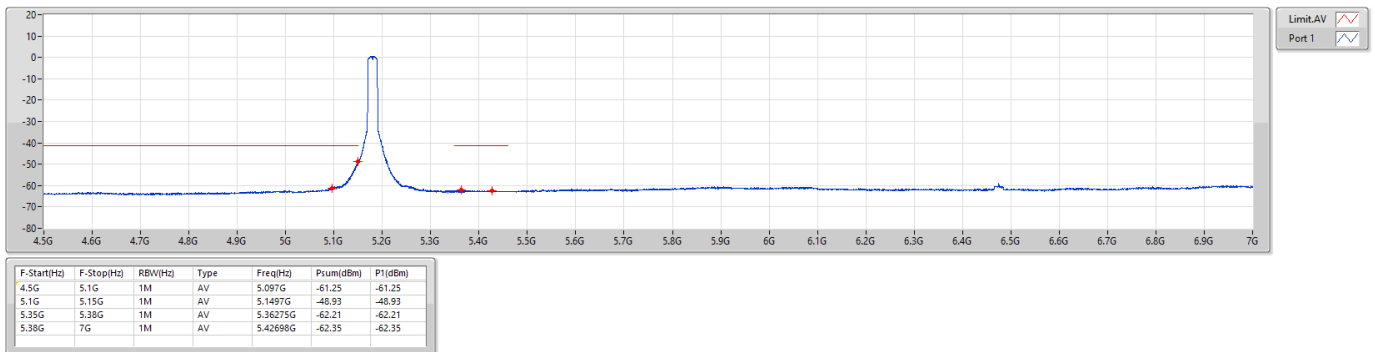
5180MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

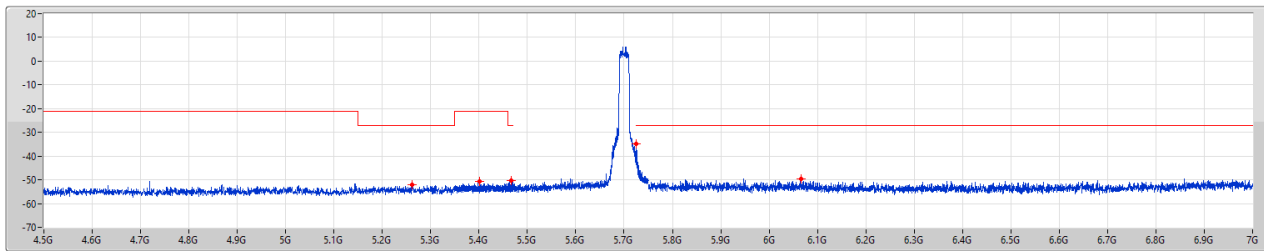
5180MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

5700MHz

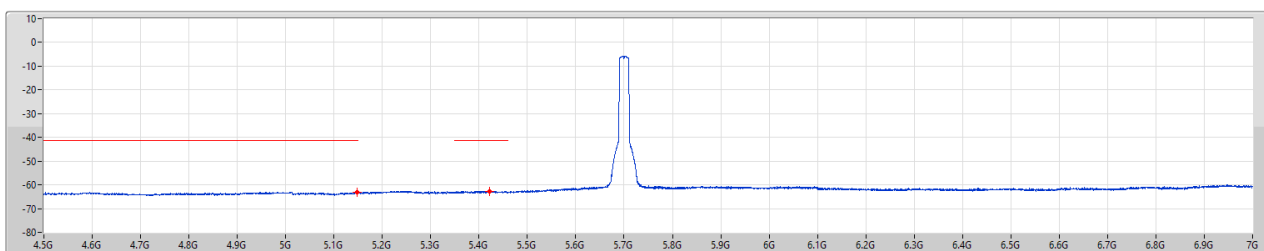


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.26075G	-51.94	-51.94
5.35G	5.46G	1M	PK	5.40115G	-50.49	-50.49
5.46G	5.47G	1M	PK	5.4659G	-50.47	-50.47
5.725G	5.75G	1M	PK	5.72508G	-34.75	-34.75
5.75G	7G	1M	PK	6.06531G	-49.58	-49.58

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5700MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.1477G	-62.99	-62.99
5.35G	5.47G	1M	AV	5.42152G	-62.62	-62.62

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	18G	40G	AV	4.40	-57.15	-57.15	-52.75	-41.20	-11.55
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	18G	40G	AV	4.40	-57.11	-57.11	-52.71	-41.20	-11.51
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	18G	40G	AV	4.40	-57.00	-57.00	-52.60	-41.20	-11.40
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	7G	18G	AV	4.40	-54.15	-54.15	-49.75	-41.20	-8.55

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

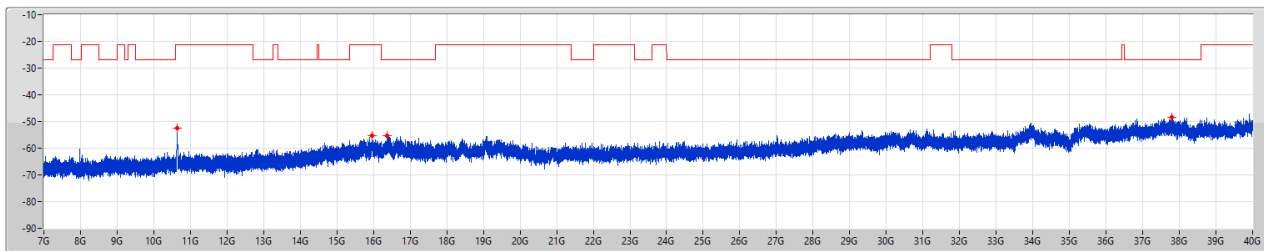
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	7G	18G	AV	10.6355G	4.40	-60.63	-60.63	-56.23	-41.20	-15.03
5320MHz	Pass	7G	18G	AV	15.95984G	4.40	-62.94	-62.94	-58.54	-41.20	-17.34
5320MHz	Pass	18G	40G	AV	39.96288G	4.40	-57.11	-57.11	-52.71	-41.20	-11.51
5320MHz	Pass	7G	18G	PK	10.64375G	4.40	-52.48	-52.48	-48.08	-21.20	-26.88
5320MHz	Pass	7G	18G	PK	15.95641G	4.40	-55.23	-55.23	-50.83	-21.20	-29.63
5320MHz	Pass	7G	18G	PK	16.36478G	4.40	-55.28	-55.28	-50.88	-27.00	-23.88
5320MHz	Pass	18G	40G	PK	37.78831G	4.40	-48.48	-48.48	-44.08	-27.00	-17.08
5745MHz	Pass	7G	18G	AV	11.49006G	4.40	-54.15	-54.15	-49.75	-41.20	-8.55
5745MHz	Pass	7G	18G	AV	17.70025G	4.40	-66.54	-66.54	-62.14	-41.20	-20.94
5745MHz	Pass	18G	40G	AV	39.85081G	4.40	-57.03	-57.03	-52.63	-41.20	-11.43
5745MHz	Pass	7G	18G	PK	11.49247G	4.40	-45.22	-45.22	-40.82	-21.20	-19.62
5745MHz	Pass	7G	18G	PK	17.23516G	4.40	-40.51	-40.51	-36.11	-27.00	-9.11
5745MHz	Pass	18G	40G	PK	36.76463G	4.40	-47.42	-47.42	-43.02	-27.00	-16.02
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7G	18G	AV	10.60009G	4.40	-71.72	-71.72	-67.32	-41.20	-26.12
5180MHz	Pass	7G	18G	AV	15.54391G	4.40	-65.93	-65.93	-61.53	-41.20	-20.33
5180MHz	Pass	7G	18G	AV	15.75359G	4.40	-64.48	-64.48	-60.08	-41.20	-18.88
5180MHz	Pass	18G	40G	AV	39.83019G	4.40	-57.15	-57.15	-52.75	-41.20	-11.55
5180MHz	Pass	7G	18G	PK	10.36325G	4.40	-57.58	-57.58	-53.18	-27.00	-26.18
5180MHz	Pass	7G	18G	PK	15.53806G	4.40	-57.65	-57.65	-53.25	-21.20	-32.05
5180MHz	Pass	7G	18G	PK	16.41359G	4.40	-55.37	-55.37	-50.97	-27.00	-23.97
5180MHz	Pass	18G	40G	PK	37.58894G	4.40	-48.38	-48.38	-43.98	-27.00	-16.98
5700MHz	Pass	7G	18G	AV	11.40138G	4.40	-64.47	-64.47	-60.07	-41.20	-18.87
5700MHz	Pass	7G	18G	AV	15.72403G	4.40	-64.40	-64.40	-60.00	-41.20	-18.80
5700MHz	Pass	7G	18G	AV	17.70025G	4.40	-67.15	-67.15	-62.75	-41.20	-21.55
5700MHz	Pass	18G	40G	AV	39.83294G	4.40	-57.00	-57.00	-52.60	-41.20	-11.40
5700MHz	Pass	7G	18G	PK	11.40653G	4.40	-56.08	-56.08	-51.68	-21.20	-30.48
5700MHz	Pass	7G	18G	PK	16.42975G	4.40	-55.51	-55.51	-51.11	-27.00	-24.11
5700MHz	Pass	7G	18G	PK	17.10797G	4.40	-57.38	-57.38	-52.98	-27.00	-25.98
5700MHz	Pass	18G	40G	PK	38.17813G	4.40	-48.97	-48.97	-44.57	-27.00	-17.57

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5320MHz



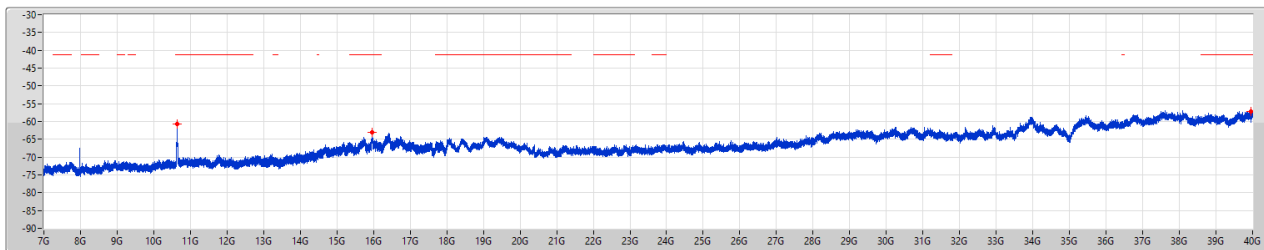
Limit PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	10.64375G	-52.48	-52.48
7G	18G	1M	PK	15.95641G	-55.23	-55.23
7G	18G	1M	PK	16.36478G	-55.28	-55.28
18G	40G	1M	PK	37.78831G	-48.48	-48.48

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5320MHz



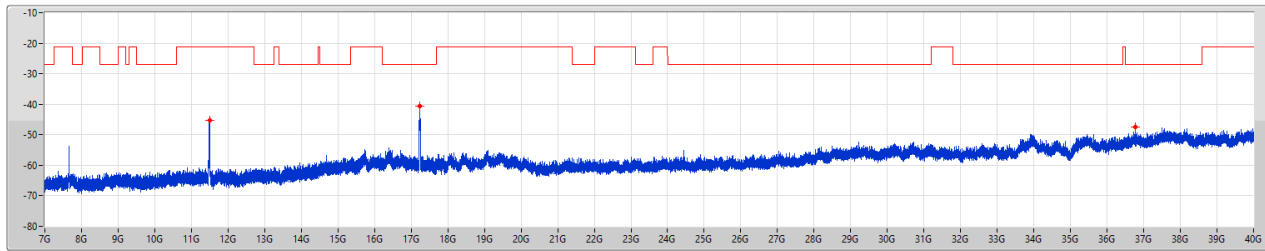
Limit AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	10.6355G	-60.63	-60.63
7G	18G	1M	AV	15.95984G	-62.94	-62.94
18G	40G	1M	AV	39.96288G	-57.11	-57.11

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5745MHz



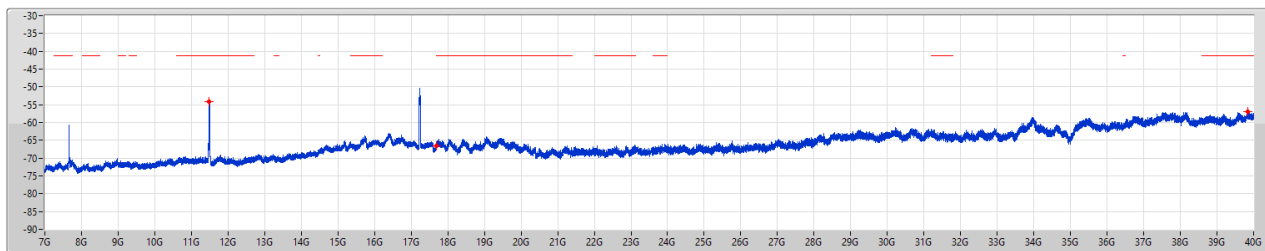
Limit:PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.49247G	-45.22	-45.22
7G	18G	1M	PK	17.23516G	-40.51	-40.51
18G	40G	1M	PK	36.76463G	-47.42	-47.42

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5745MHz



Limit:AV
Port 1

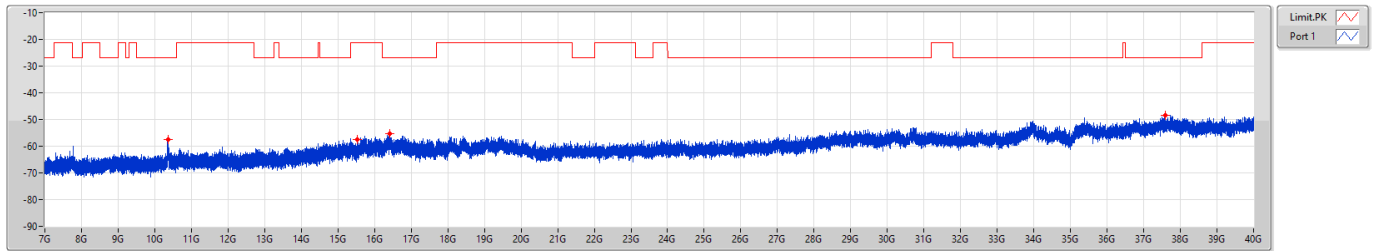
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	11.49006G	-54.15	-54.15
7G	18G	1M	AV	17.70025G	-46.54	-46.54
18G	40G	1M	AV	39.85081G	-57.03	-57.03



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

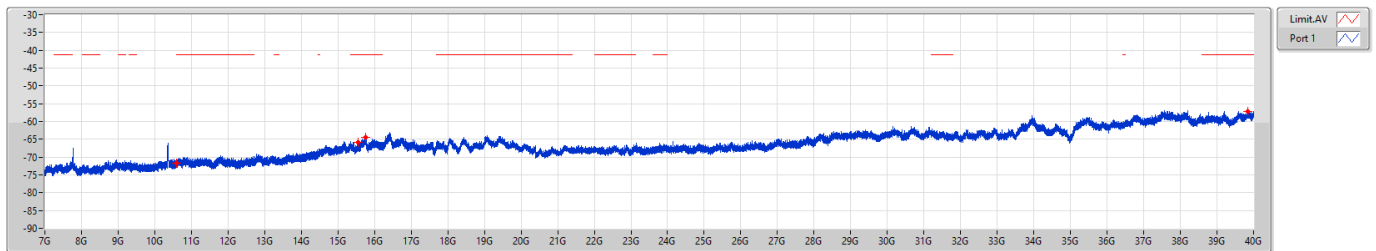
5180MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5180MHz

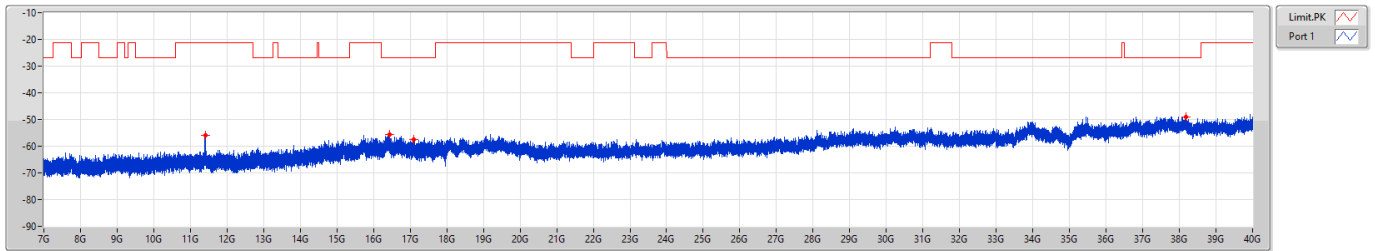




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

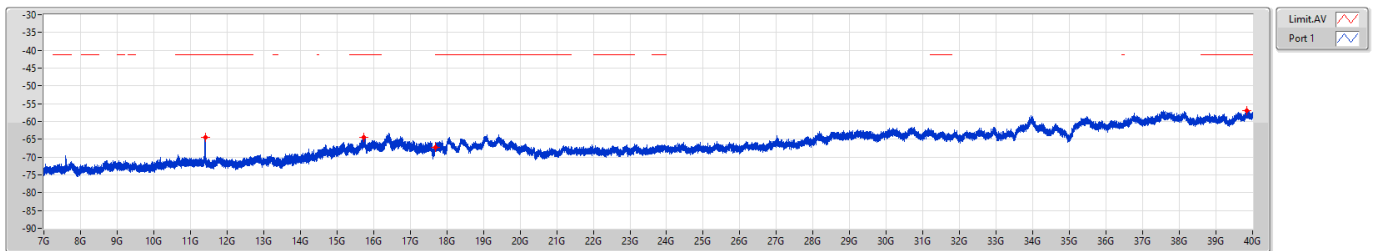
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5700MHz





Summary

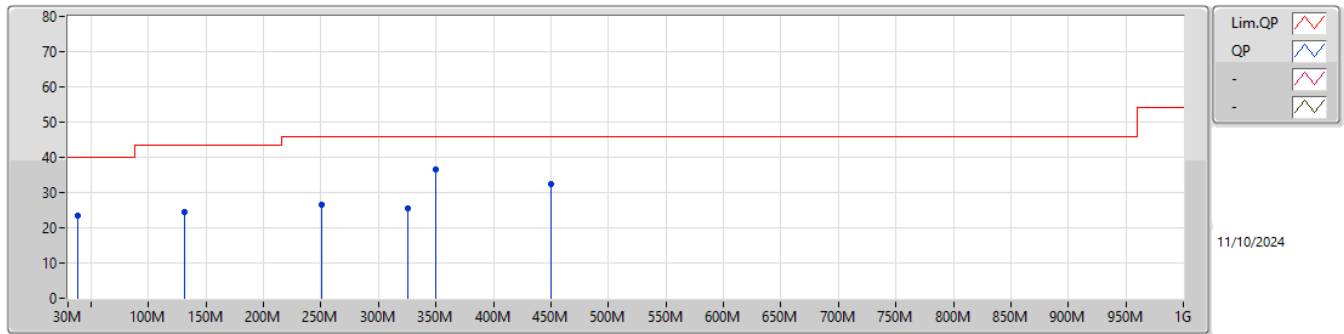
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.51	46.00	-3.49	Vertical
Mode 2	Pass	QP	450.01M	42.55	46.00	-3.45	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 1



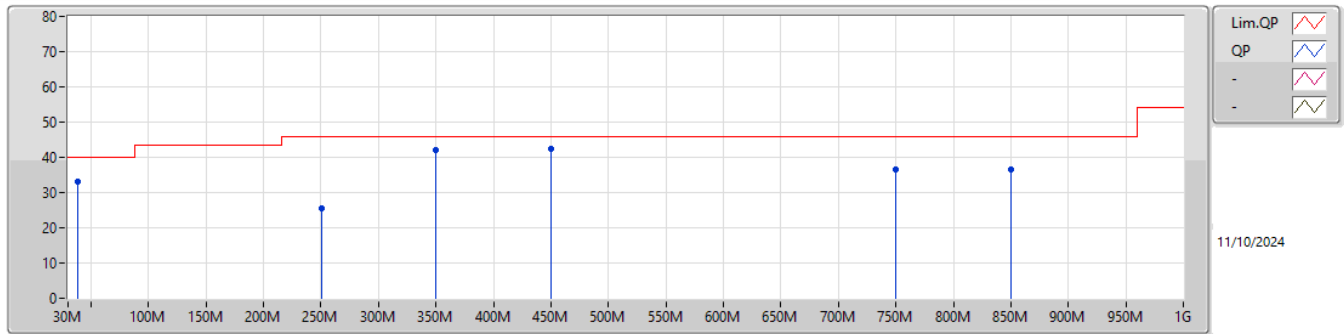
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.57M	23.58	40.00	-16.32	-9.16	3	Horizontal	-	-	-	32.84	18.37	0.58	28.11		
PK	131.64M	24.61	43.50	-18.95	-9.91	3	Horizontal	-	-	-	34.46	17.20	1.14	28.25		
PK	250.23M	26.55	46.00	-19.52	-9.78	3	Horizontal	-	-	-	36.26	16.90	1.57	28.25		
PK	325.10M	25.57	46.00	-20.32	-7.20	3	Horizontal	-	-	-	32.88	19.20	1.81	28.21		
PK	350.11M	36.48	46.00	-9.56	-6.88	3	Horizontal	-	-	-	43.32	19.50	1.82	28.20		
PK	450.01M	32.42	46.00	-13.49	-4.11	3	Horizontal	-	-	-	36.62	22.10	1.98	28.19		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 1



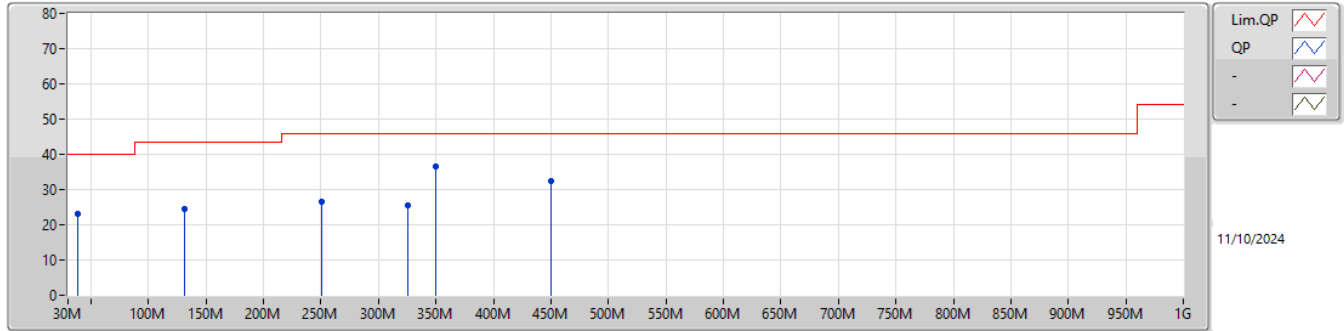
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.44M	33.26	40.00	-6.74	-9.19	3	Vertical	-	-	-	42.45	18.34	0.58	28.11		
PK	250.22M	25.64	46.00	-20.36	-9.77	3	Vertical	-	-	-	35.41	16.91	1.57	28.25		
QP	350.1M	42.18	46.00	-3.82	-6.88	3	Vertical	108	1.31	-	49.06	19.50	1.82	28.20		
QP	450.01M	42.51	46.00	-3.49	-4.11	3	Vertical	221	1.00	-	46.62	22.10	1.98	28.19		
PK	750.13M	36.48	46.00	-9.52	1.83	3	Vertical	-	-	-	34.65	27.00	2.75	27.92		
PK	850.26M	36.57	46.00	-9.43	3.14	3	Vertical	-	-	-	33.43	28.01	2.89	27.76		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 2



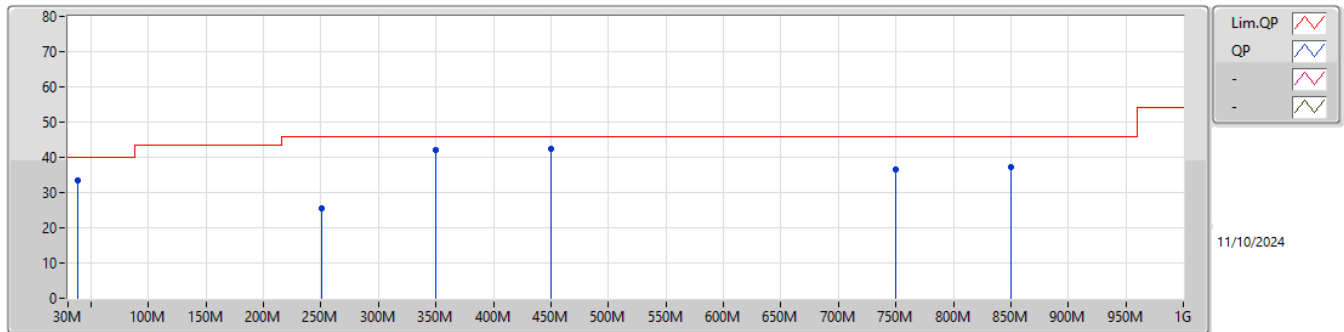
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.62M	23.18	40.00	-16.82	-9.17	3	Horizontal	-	-	-	32.35	18.36	0.58	28.11		
PK	131.48M	24.59	43.50	-18.91	-9.91	3	Horizontal	-	-	-	34.50	17.20	1.14	28.25		
PK	250.11M	26.44	46.00	-19.56	-9.78	3	Horizontal	-	-	-	36.22	16.90	1.57	28.25		
PK	325.23M	25.58	46.00	-20.42	-7.20	3	Horizontal	-	-	-	32.78	19.20	1.81	28.21		
PK	350.1M	36.49	46.00	-9.51	-6.88	3	Horizontal	-	-	-	43.37	19.50	1.82	28.20		
PK	450.01M	32.55	46.00	-13.45	-4.11	3	Horizontal	-	-	-	36.66	22.10	1.98	28.19		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.68M	33.41	40.00	-6.59	-9.16	3	Vertical	-	-	-	42.57	18.37	0.58	28.11		
PK	250.23M	25.58	46.00	-20.42	-9.77	3	Vertical	-	-	-	35.35	16.91	1.57	28.25		
QP	350.1M	42.12	46.00	-3.88	-6.88	3	Vertical	106	1.28	-	49.00	19.50	1.82	28.20		
QP	450.01M	42.55	46.00	-3.45	-4.11	3	Vertical	221	1.00	-	46.66	22.10	1.98	28.19		
PK	749.86M	36.47	46.00	-9.53	1.82	3	Vertical	-	-	-	34.65	27.00	2.75	27.93		
PK	850.12M	37.16	46.00	-8.84	3.13	3	Vertical	-	-	-	34.03	28.00	2.89	27.76		



Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.72G	45.84	54.00	-8.16	3	Vertical	22	2.05	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.9G	46.38	54.00	-7.62	3	Vertical	26	2.12	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	16.74G	59.75	68.20	-8.45	3	Vertical	33	1.85	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	PK	17.475G	61.84	68.20	-6.36	3	Vertical	1	2.02	-

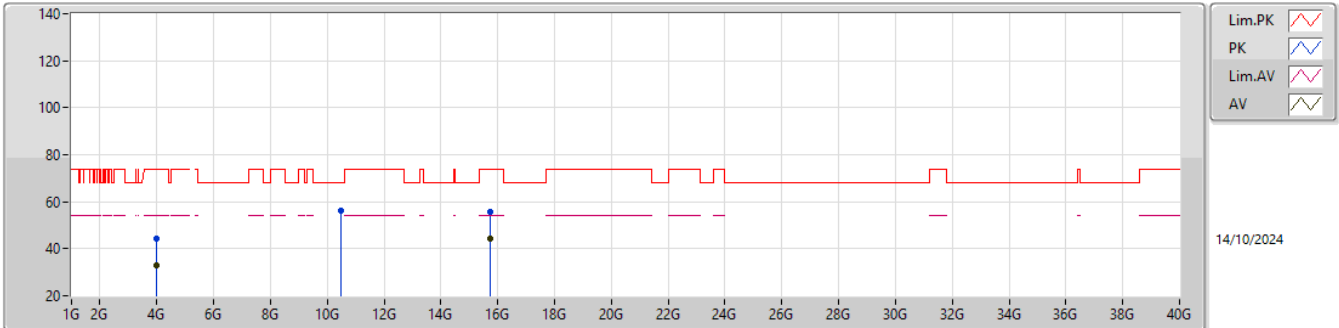


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	32.76	54.00	-21.24	35.03	3	Horizontal	189	1.88	-	29.70	6.02	37.99			
PK	4G	44.51	74.00	-29.49	46.78	3	Horizontal	189	1.88	-	29.70	6.02	37.99			
PK	10.48G	56.12	68.20	-12.08	48.63	3	Horizontal	185	1.00	-	39.64	10.02	42.17			
AV	15.72G	44.26	54.00	-9.74	39.93	3	Horizontal	126	1.00	-	38.36	11.55	45.58			
PK	15.72G	55.61	74.00	-18.39	51.28	3	Horizontal	126	1.00	-	38.36	11.55	45.58			

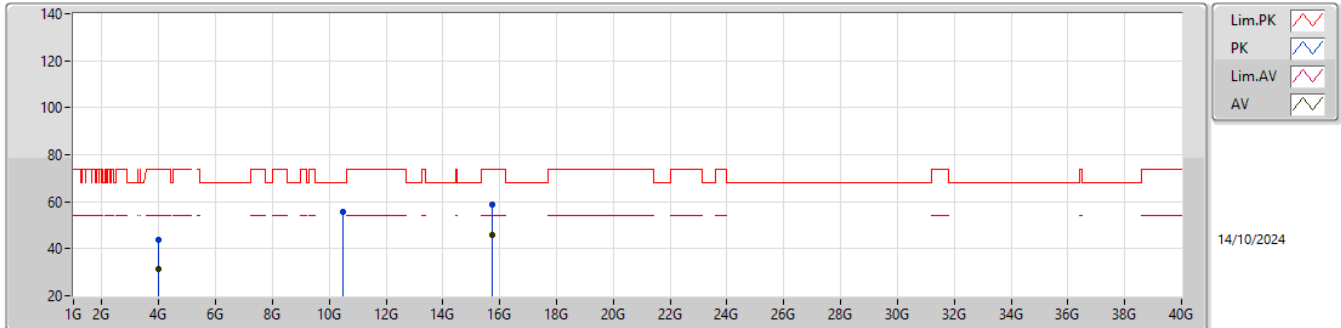


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	31.52	54.00	-22.48	33.79	3	Vertical	187	1.66	-	29.70	6.02	37.99			
PK	4G	43.55	74.00	-30.45	45.82	3	Vertical	187	1.66	-	29.70	6.02	37.99			
PK	10.48G	55.61	68.20	-12.59	48.12	3	Vertical	216	1.00	-	39.64	10.02	42.17			
AV	15.72G	45.84	54.00	-8.16	41.51	3	Vertical	22	2.05	-	38.36	11.55	45.58			
PK	15.72G	58.92	74.00	-15.08	54.59	3	Vertical	22	2.05	-	38.36	11.55	45.58			

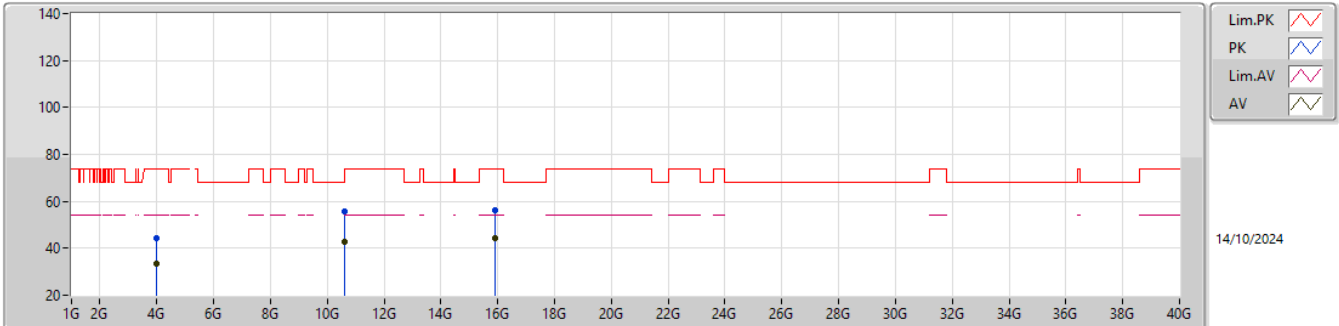


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	33.27	54.00	-20.73	35.54	3	Horizontal	186	1.86	-	29.70	6.02	37.99			
PK	4G	44.26	74.00	-29.74	46.53	3	Horizontal	186	1.86	-	29.70	6.02	37.99			
AV	10.6G	42.51	54.00	-11.49	34.72	3	Horizontal	231	1.00	-	40.00	10.04	42.25			
PK	10.6G	55.75	74.00	-18.25	47.96	3	Horizontal	231	1.00	-	40.00	10.04	42.25			
AV	15.9G	44.53	54.00	-9.47	40.10	3	Horizontal	128	1.00	-	38.20	11.71	45.48			
PK	15.9G	56.31	74.00	-17.69	51.88	3	Horizontal	128	1.00	-	38.20	11.71	45.48			

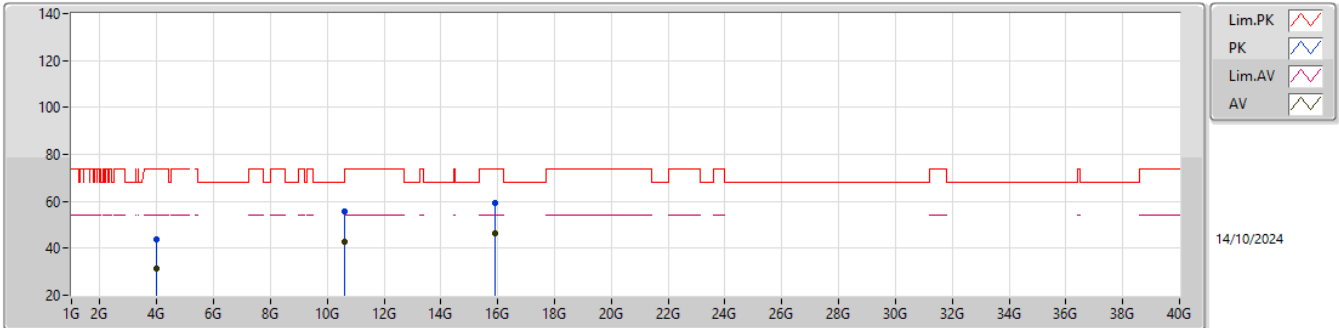


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	31.26	54.00	-22.74	33.53	3	Vertical	186	1.81	-	29.70	6.02	37.99			
PK	4G	43.66	74.00	-30.34	45.93	3	Vertical	186	1.81	-	29.70	6.02	37.99			
AV	10.6G	42.72	54.00	-11.28	34.93	3	Vertical	258	1.00	-	40.00	10.04	42.25			
PK	10.6G	55.84	74.00	-18.16	48.05	3	Vertical	258	1.00	-	40.00	10.04	42.25			
AV	15.9G	46.38	54.00	-7.62	41.95	3	Vertical	26	2.12	-	38.20	11.71	45.48			
PK	15.9G	59.56	74.00	-14.44	55.13	3	Vertical	26	2.12	-	38.20	11.71	45.48			

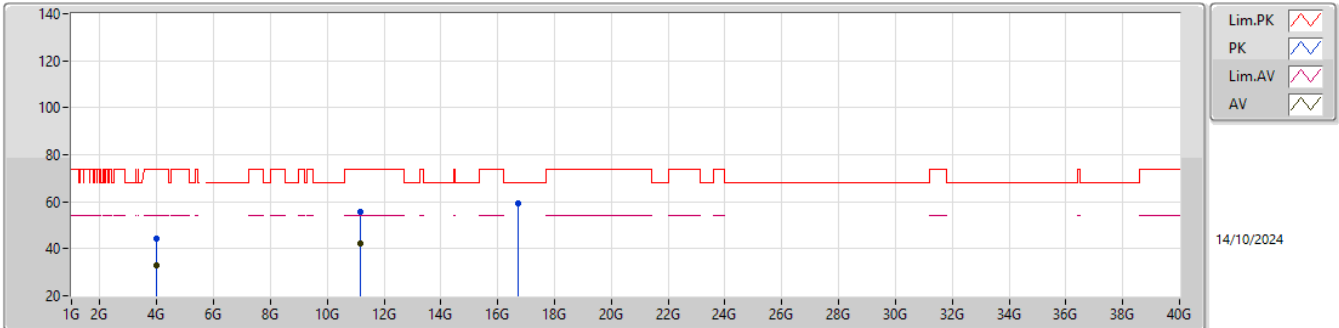


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	32.79	54.00	-21.21	35.06	3	Horizontal	188	1.81	-	29.70	6.02	37.99			
PK	4G	44.08	74.00	-29.92	46.35	3	Horizontal	188	1.81	-	29.70	6.02	37.99			
AV	11.16G	42.33	54.00	-11.67	35.18	3	Horizontal	251	1.00	-	39.64	10.14	42.63			
PK	11.16G	55.94	74.00	-18.06	48.79	3	Horizontal	251	1.00	-	39.64	10.14	42.63			
PK	16.74G	59.48	68.20	-8.72	52.07	3	Horizontal	126	1.00	-	41.30	12.20	46.09			

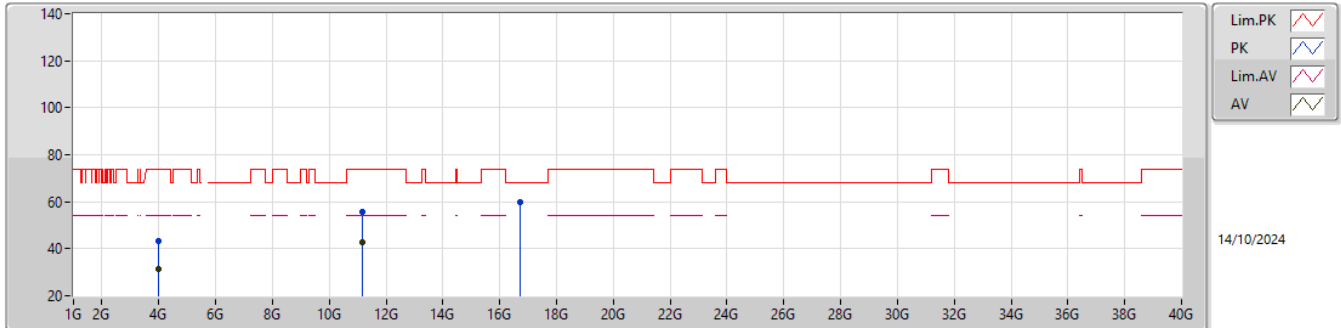


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	31.33	54.00	-22.67	33.60	3	Vertical	180	1.79	-	29.70	6.02	37.99			
PK	4G	43.31	74.00	-30.69	45.58	3	Vertical	180	1.79	-	29.70	6.02	37.99			
AV	11.16G	42.51	54.00	-11.49	35.36	3	Vertical	158	1.00	-	39.64	10.14	42.63			
PK	11.16G	55.61	74.00	-18.39	48.46	3	Vertical	158	1.00	-	39.64	10.14	42.63			
PK	16.74G	59.75	68.20	-8.45	52.34	3	Vertical	33	1.85	-	41.30	12.20	46.09			

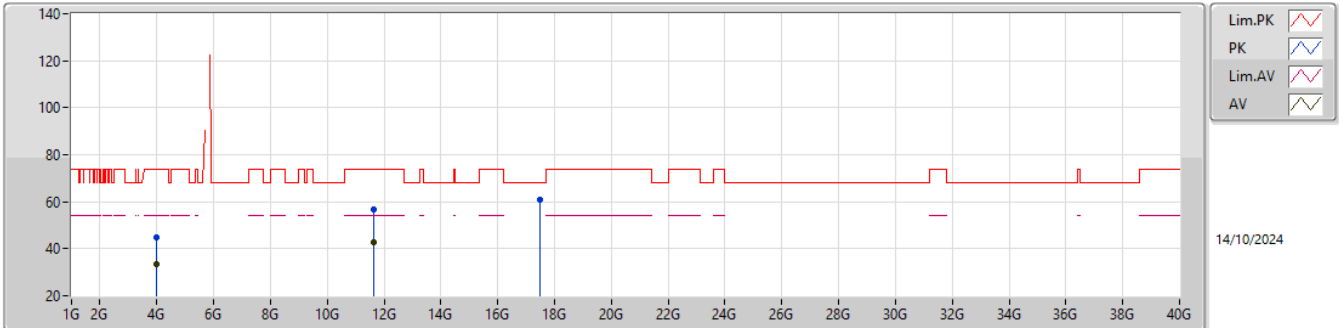


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	33.30	54.00	-20.70	35.57	3	Horizontal	188	1.65	-	29.70	6.02	37.99			
PK	4G	44.58	74.00	-29.42	46.85	3	Horizontal	188	1.65	-	29.70	6.02	37.99			
AV	11.65G	42.79	54.00	-11.21	35.92	3	Horizontal	255	1.00	-	39.50	10.20	42.83			
PK	11.65G	56.49	74.00	-17.51	49.62	3	Horizontal	255	1.00	-	39.50	10.20	42.83			
PK	17.475G	60.91	68.20	-7.29	53.60	3	Horizontal	126	1.00	-	42.25	12.53	47.47			

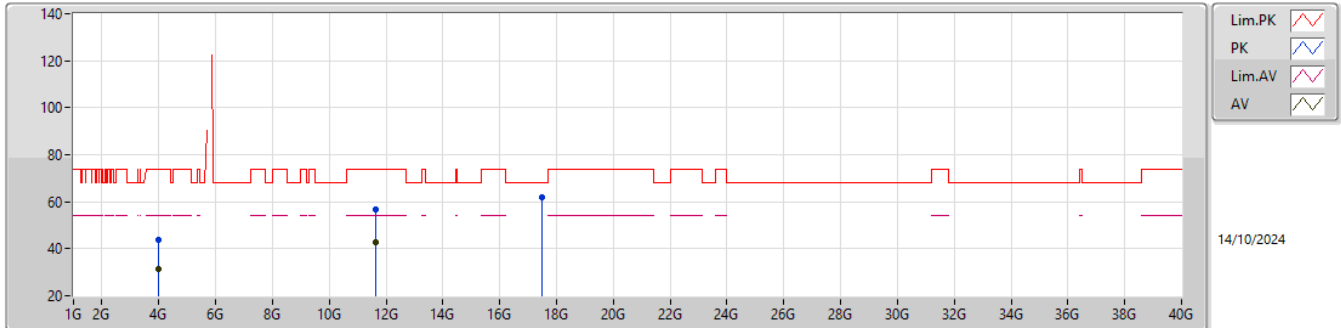


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	31.31	54.00	-22.69	33.58	3	Vertical	185	1.82	-	29.70	6.02	37.99			
PK	4G	43.56	74.00	-30.44	45.83	3	Vertical	185	1.82	-	29.70	6.02	37.99			
AV	11.65G	42.86	54.00	-11.14	35.99	3	Vertical	166	1.00	-	39.50	10.20	42.83			
PK	11.65G	56.77	74.00	-17.23	49.90	3	Vertical	166	1.00	-	39.50	10.20	42.83			
PK	17.475G	61.84	68.20	-6.36	54.53	3	Vertical	1	2.02	-	42.25	12.53	47.47			

Configuration 4: Laird part number: 453-00214

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.29	0.08492	23.69	0.23388
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	19.42	0.08750	23.82	0.24099
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.25	0.08414	23.65	0.23174
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	17.47	0.05585	21.87	0.15382
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.01	0.10023	24.41	0.27606
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	18.18	0.06577	22.58	0.18113
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.96	0.09908	24.36	0.27290
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	20.11	0.10257	24.51	0.28249

**Conducted Output Power(Average)****Appendix B****Result**

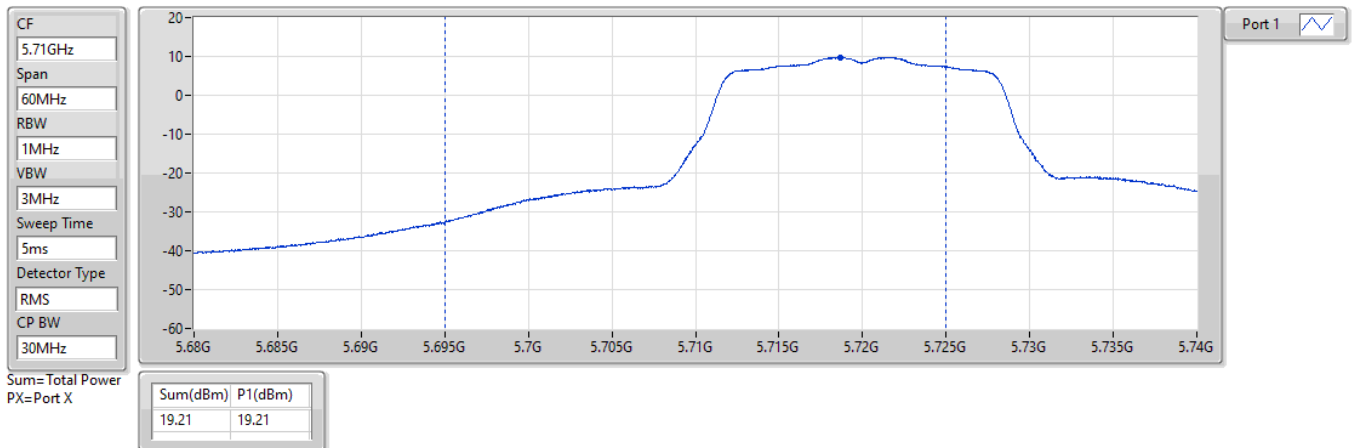
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.40	16.15	16.15	24.00	20.55	30.00
5200MHz	Pass	4.40	19.29	19.29	24.00	23.69	30.00
5240MHz	Pass	4.40	19.26	19.26	24.00	23.66	30.00
5260MHz	Pass	4.40	19.21	19.21	24.00	23.61	30.00
5300MHz	Pass	4.40	19.25	19.25	24.00	23.65	30.00
5320MHz	Pass	4.40	16.02	16.02	24.00	20.42	30.00
5500MHz	Pass	4.40	17.35	17.35	24.00	21.75	30.00
5580MHz	Pass	4.40	20.01	20.01	24.00	24.41	30.00
5700MHz	Pass	4.40	16.2	16.20	24.00	20.60	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	19.21	19.21	22.95	23.61	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.38	11.38	30.00	15.78	36.00
5745MHz	Pass	4.40	19.96	19.96	30.00	24.36	36.00
5785MHz	Pass	4.40	19.85	19.85	30.00	24.25	36.00
5825MHz	Pass	4.40	19.72	19.72	30.00	24.12	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
5180MHz	Pass	4.40	14.59	14.59	24.00	18.99	30.00
5200MHz	Pass	4.40	16.45	16.45	24.00	20.85	30.00
5240MHz	Pass	4.40	19.42	19.42	24.00	23.82	30.00
5260MHz	Pass	4.40	17.47	17.47	24.00	21.87	30.00
5300MHz	Pass	4.40	17.46	17.46	24.00	21.86	30.00
5320MHz	Pass	4.40	15.62	15.62	24.00	20.02	30.00
5500MHz	Pass	4.40	14.28	14.28	24.00	18.68	30.00
5580MHz	Pass	4.40	18.18	18.18	24.00	22.58	30.00
5700MHz	Pass	4.40	8.81	8.81	24.00	13.21	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	17.07	17.07	24.00	21.47	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	11.58	11.58	30.00	15.98	36.00
5745MHz	Pass	4.40	20.01	20.01	30.00	24.41	36.00
5785MHz	Pass	4.40	20.02	20.02	30.00	24.42	36.00
5825MHz	Pass	4.40	20.11	20.11	30.00	24.51	36.00

DG = Directional Gain; Port X = Port X output power

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

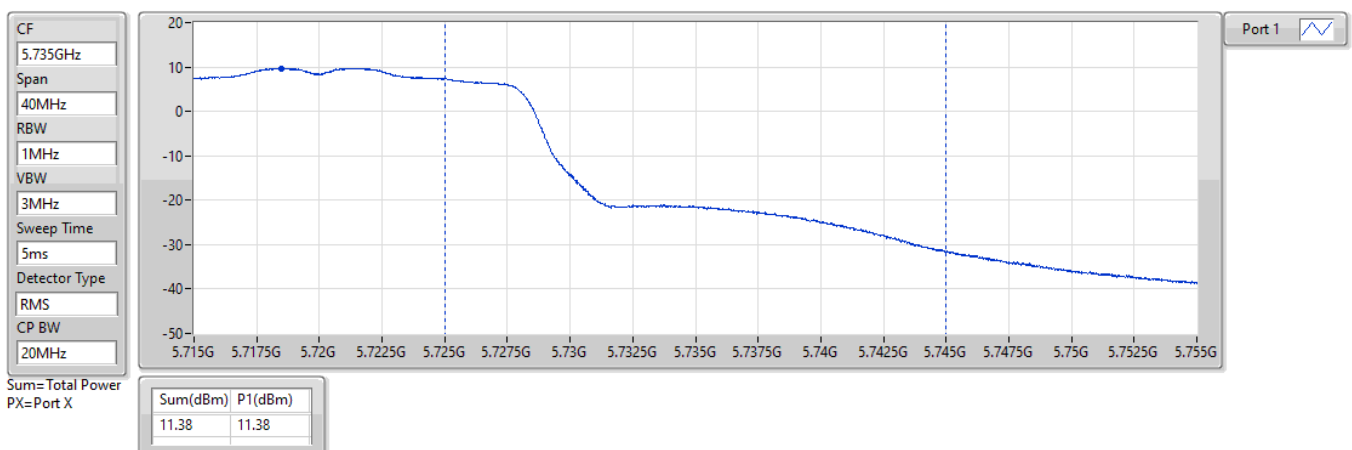
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

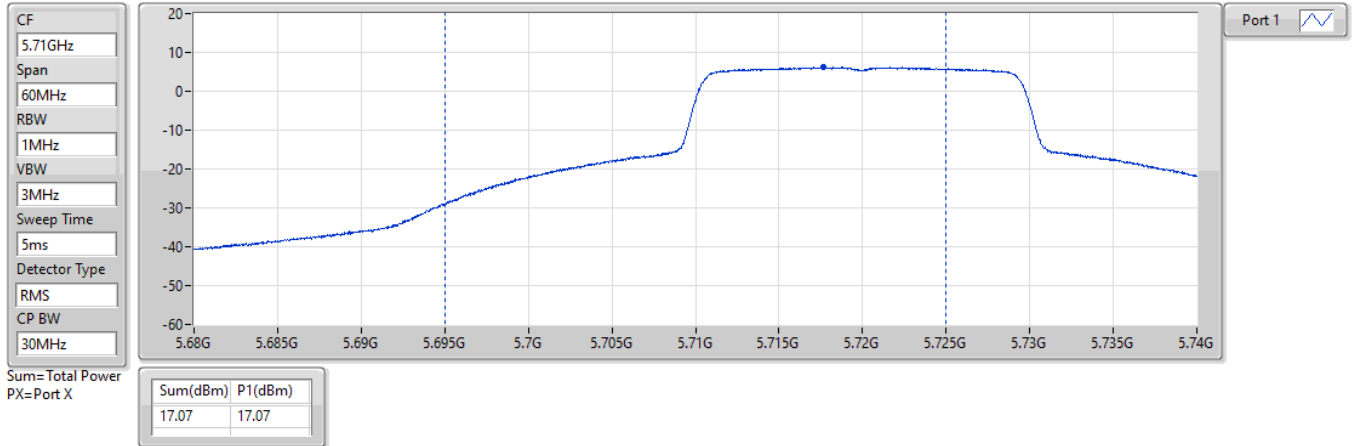




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

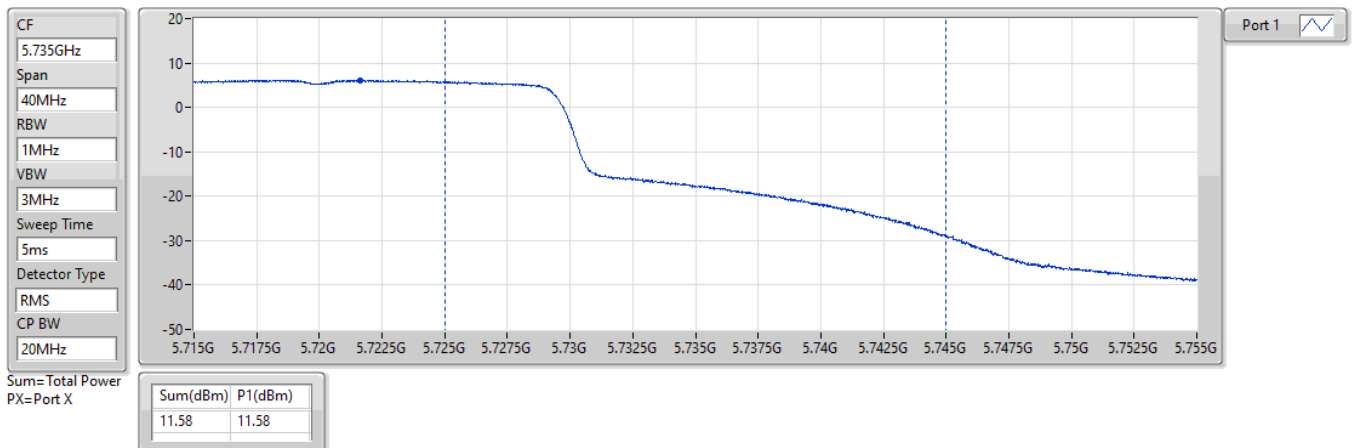
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	30M	1G	PK	4.40	-75.59	-75.59	4.7	-66.49	-55.20	-11.29
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	30M	1G	PK	4.40	-75.38	-75.38	4.7	-66.28	-55.20	-11.08

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	30M	1G	PK	82.38M	4.40	-75.59	-75.59	4.7	-66.49	-55.20	-11.29
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
5825MHz	Pass	30M	1G	PK	72.68M	4.40	-75.38	-75.38	4.7	-66.28	-55.20	-11.08

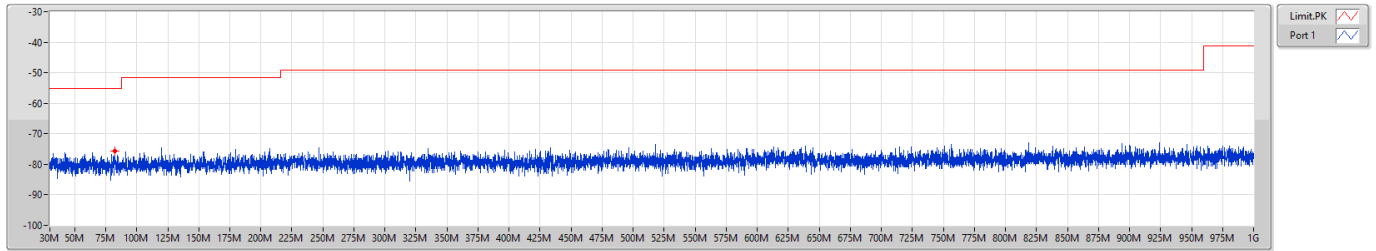
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5580MHz

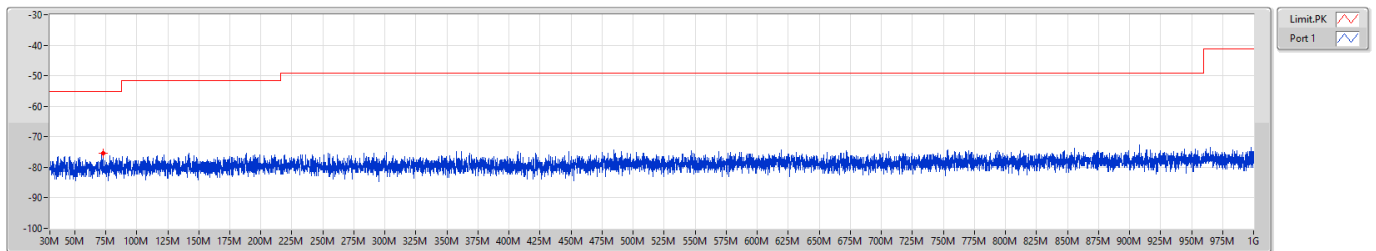


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
30M	1G	100k	PK	82.38M	-75.59	-75.59

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5825MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
30M	1G	100k	PK	72.68M	-75.38	-75.38

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	1G	4.5G	AV	4.40	-67.05	-67.05	-62.65	-41.20	-21.45
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	4.5G	AV	4.40	-62.50	-62.50	-58.10	-41.20	-16.90
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	1G	4.5G	AV	4.40	-70.83	-70.83	-66.43	-41.20	-25.23
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	1G	4.5G	AV	4.40	-70.46	-70.46	-66.06	-41.20	-24.86

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

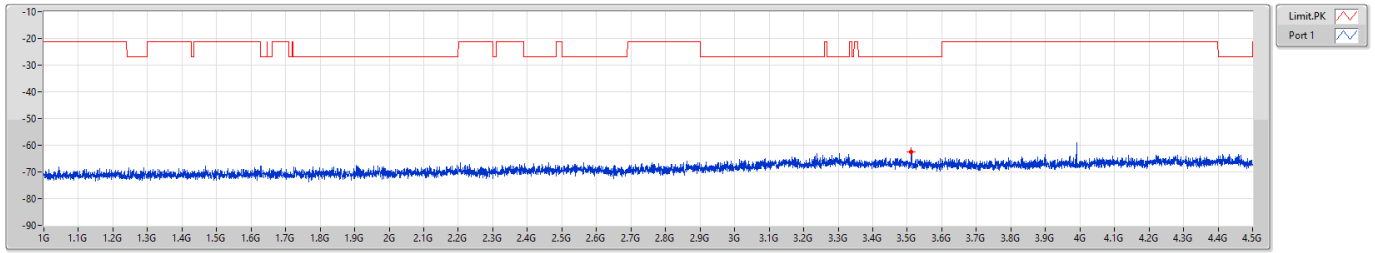
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	1G	4.5G	AV	3.98988G	4.40	-62.50	-62.50	-58.10	-41.20	-16.90
5320MHz	Pass	1G	4.5G	PK	3.51213G	4.40	-62.61	-62.61	-58.21	-27.00	-31.21
5745MHz	Pass	1G	4.5G	AV	3.83019G	4.40	-70.46	-70.46	-66.06	-41.20	-24.86
5745MHz	Pass	1G	4.5G	PK	4.40594G	4.40	-63.04	-63.04	-58.64	-27.00	-31.64
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	4.5G	AV	3.88488G	4.40	-67.05	-67.05	-62.65	-41.20	-21.45
5180MHz	Pass	1G	4.5G	PK	3.27981G	4.40	-62.09	-62.09	-57.69	-27.00	-30.69
5700MHz	Pass	1G	4.5G	AV	3.8G	4.40	-70.83	-70.83	-66.43	-41.20	-25.23
5700MHz	Pass	1G	4.5G	PK	3.32094G	4.40	-63.47	-63.47	-59.07	-27.00	-32.07

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

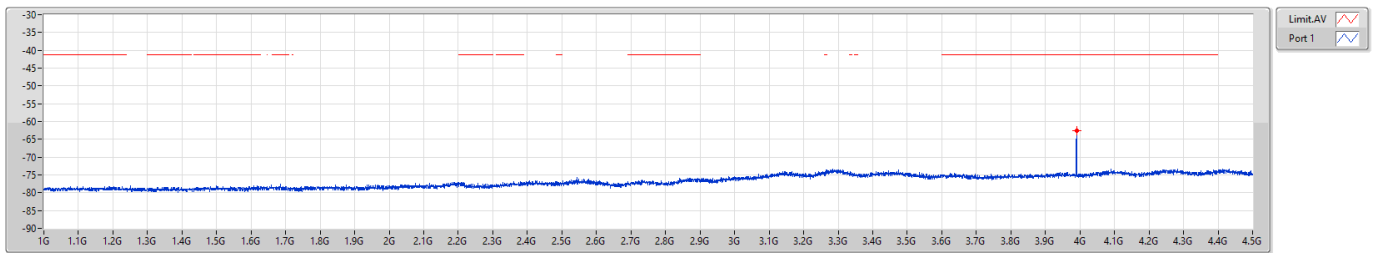
5320MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5320MHz

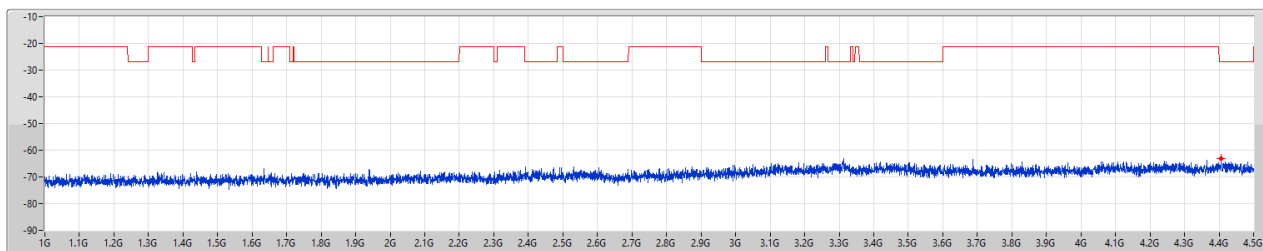




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [PK]

5745MHz



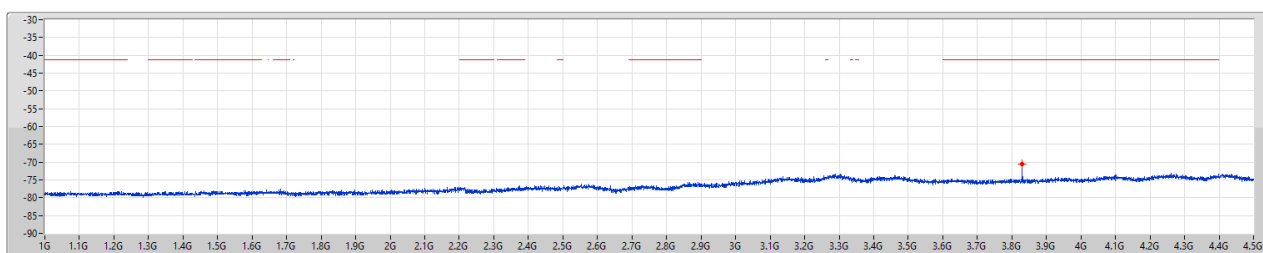
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	4.40594G	-63.04	-63.04

Limit PK
Port 1

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Other [AV]

5745MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.83019G	-70.46	-70.46

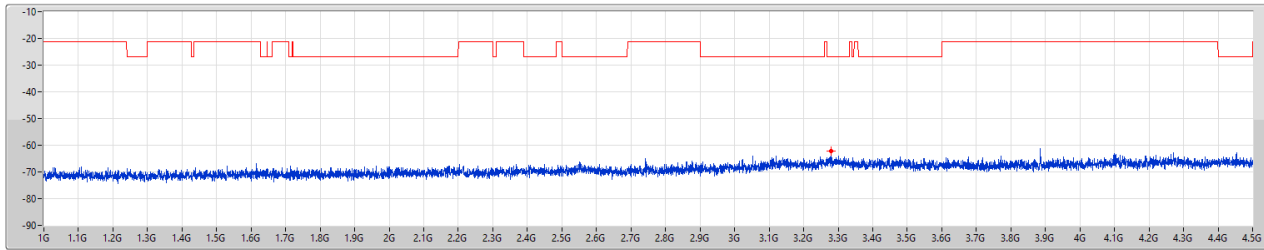
Limit AV
Port 1



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5180MHz

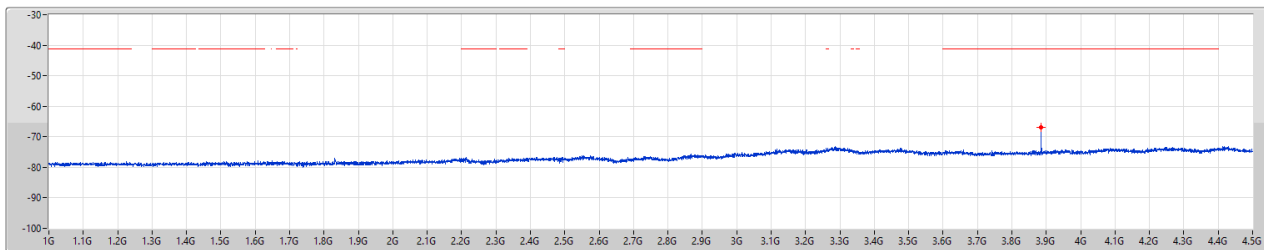


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.27981G	-62.09	-62.09

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

5180MHz



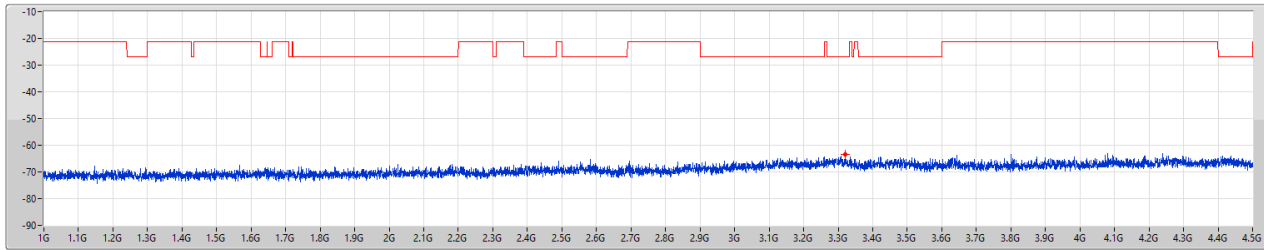
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.88488G	-67.05	-67.05



5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Other [PK]

5700MHz

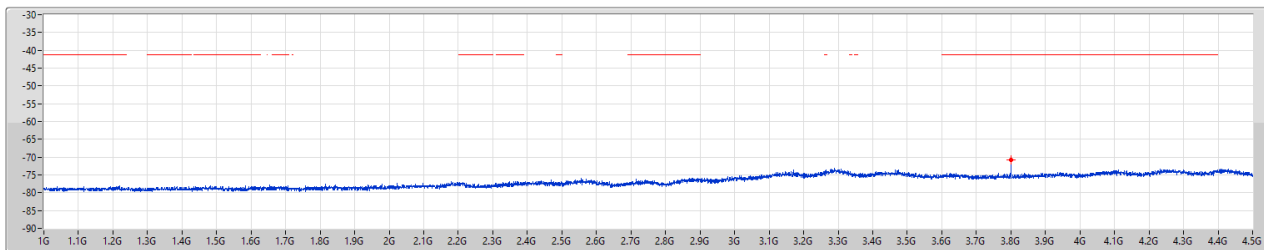


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	PK	3.32094G	-63.47	-63.47

5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Other [AV]

5700MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	4.5G	1M	AV	3.8G	-70.83	-70.83

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	5.1G	5.15G	PK	5.14795G	4.40	-29.09	-29.09	-24.69	-21.20	-3.49
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.35G	5.38G	AV	5.35009G	4.40	-49.64	-49.64	-45.24	-41.2	-4.04
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	5.725G	5.75G	PK	5.72508G	4.40	-34.74	-34.74	-30.34	-27.00	-3.34
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	4.5G	5.6G	AV	5.3943G	4.40	-60.65	-60.65	-56.25	-41.20	-15.05

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

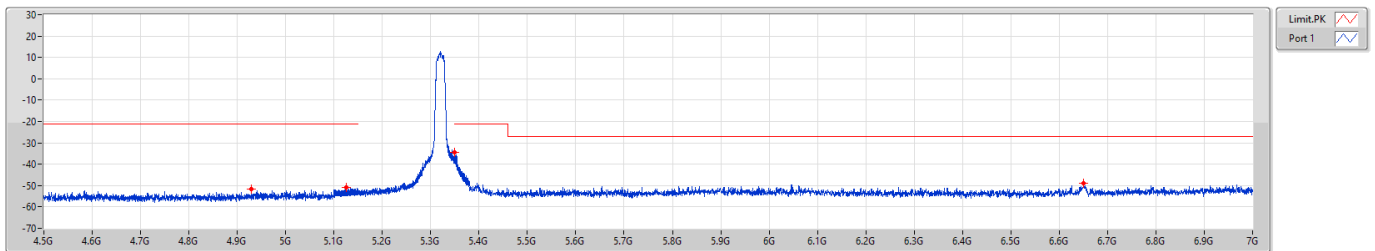
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	4.5G	5.1G	AV	4.9869G	4.40	-62.96	-62.96	-58.56	-41.2	-17.36
5320MHz	Pass	5.1G	5.15G	AV	5.1498G	4.40	-62.69	-62.69	-58.29	-41.2	-17.09
5320MHz	Pass	5.35G	5.38G	AV	5.35009G	4.40	-49.64	-49.64	-45.24	-41.2	-4.04
5320MHz	Pass	5.38G	7G	AV	5.39499G	4.40	-59.38	-59.38	-54.98	-41.2	-13.78
5320MHz	Pass	4.5G	5.1G	PK	4.929G	4.40	-51.62	-51.62	-47.22	-21.2	-26.02
5320MHz	Pass	5.1G	5.15G	PK	5.12495G	4.40	-51.01	-51.01	-46.61	-21.2	-25.41
5320MHz	Pass	5.35G	5.38G	PK	5.35006G	4.40	-34.32	-34.32	-29.92	-21.2	-8.72
5320MHz	Pass	5.38G	7G	PK	6.65008G	4.40	-49	-49	-44.60	-27	-17.60
5745MHz	Pass	4.5G	5.6G	AV	5.3943G	4.40	-60.65	-60.65	-56.25	-41.20	-15.05
5745MHz	Pass	4.5G	5.6G	PK	5.56828G	4.40	-49.79	-49.79	-45.39	-27.00	-18.39
5745MHz	Pass	5.6G	5.65G	PK	5.64945G	4.40	-48.88	-48.88	-44.48	-27.00	-17.48
5745MHz	Pass	5.65G	5.7G	PK	5.6502G	4.40	-48.44	-48.44	-44.04	-26.85	-17.19
5745MHz	Pass	5.7G	5.72G	PK	5.71902G	4.40	-23.15	-23.15	-18.75	15.33	-34.08
5745MHz	Pass	5.72G	5.725G	PK	5.72023G	4.40	-21.93	-21.93	-17.53	16.12	-33.65
5745MHz	Pass	5.85G	5.855G	PK	5.85497G	4.40	-49.68	-49.68	-45.28	15.68	-60.96
5745MHz	Pass	5.855G	5.875G	PK	5.8736G	4.40	-48.85	-48.85	-44.45	10.39	-54.84
5745MHz	Pass	5.875G	5.925G	PK	5.92475G	4.40	-50.14	-50.14	-45.74	-26.82	-18.92
5745MHz	Pass	5.925G	7G	PK	6.09754G	4.40	-49.00	-49.00	-44.60	-27.00	-17.60
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.5G	5.1G	AV	5.0964G	4.40	-61.70	-61.70	-57.30	-41.20	-16.10
5180MHz	Pass	5.1G	5.15G	AV	5.14845G	4.40	-49.76	-49.76	-45.36	-41.20	-4.16
5180MHz	Pass	5.35G	5.38G	AV	5.3587G	4.40	-61.96	-61.96	-57.56	-41.20	-16.36
5180MHz	Pass	5.38G	7G	AV	5.45452G	4.40	-62.15	-62.15	-57.75	-41.20	-16.55
5180MHz	Pass	4.5G	5.1G	PK	4.9956G	4.40	-50.94	-50.94	-46.54	-21.20	-25.34
5180MHz	Pass	5.1G	5.15G	PK	5.14795G	4.40	-29.09	-29.09	-24.69	-21.20	-3.49
5180MHz	Pass	5.35G	5.38G	PK	5.37406G	4.40	-50.63	-50.63	-46.23	-21.20	-25.03
5180MHz	Pass	5.38G	7G	PK	6.47553G	4.40	-49.16	-49.16	-44.76	-27.00	-17.76
5700MHz	Pass	4.5G	5.35G	AV	5.01213G	4.40	-62.99	-62.99	-58.59	-41.20	-17.39
5700MHz	Pass	5.35G	5.47G	AV	5.45908G	4.40	-62.42	-62.42	-58.02	-41.20	-16.82
5700MHz	Pass	4.5G	5.35G	PK	5.29135G	4.40	-51.78	-51.78	-47.38	-27.00	-20.38
5700MHz	Pass	5.35G	5.46G	PK	5.38256G	4.40	-50.53	-50.53	-46.13	-21.20	-24.93
5700MHz	Pass	5.46G	5.47G	PK	5.46644G	4.40	-50.47	-50.47	-46.07	-27.00	-19.07
5700MHz	Pass	5.725G	5.75G	PK	5.72508G	4.40	-34.74	-34.74	-30.34	-27.00	-3.34
5700MHz	Pass	5.75G	7G	PK	5.8575G	4.40	-49.58	-49.58	-45.18	-27.00	-18.18

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

5320MHz

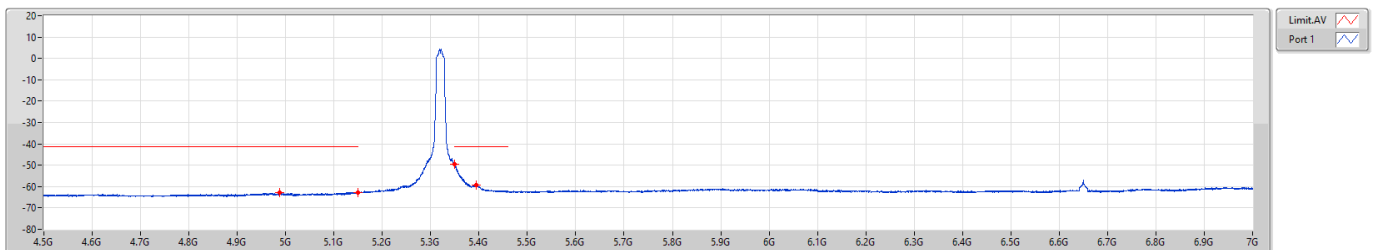


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.1G	1M	PK	4.929G	-51.62	-51.62
5.1G	5.15G	1M	PK	5.12495G	-51.01	-51.01
5.35G	5.38G	1M	PK	5.35006G	-34.32	-34.32
5.38G	7G	1M	PK	6.65006G	-49.00	-49.00

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

5320MHz

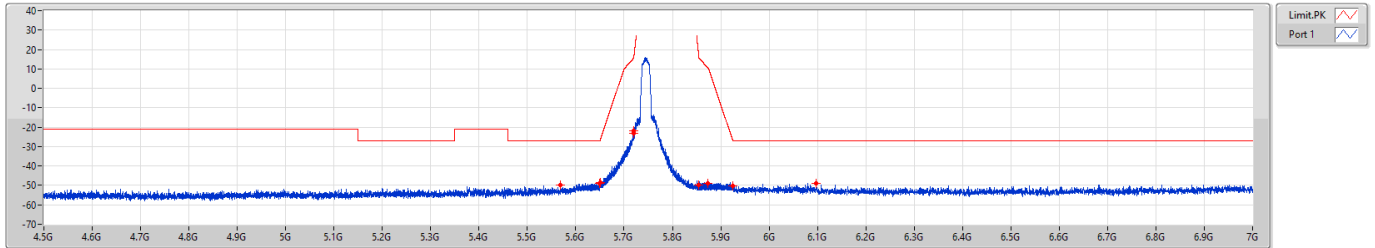


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.1G	1M	AV	4.9869G	-62.96	-62.96
5.1G	5.15G	1M	AV	5.1498G	-62.69	-62.69
5.35G	5.38G	1M	AV	5.35009G	-49.64	-49.64
5.38G	7G	1M	AV	5.39499G	-59.38	-59.38

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

5745MHz

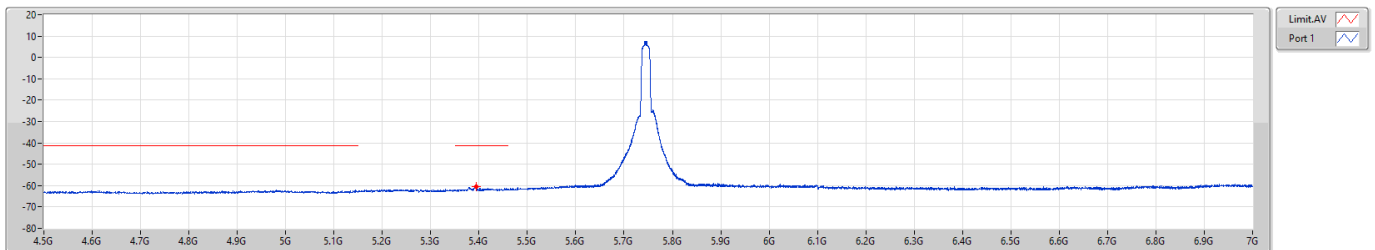


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.6G	1M	PK	5.56828G	-49.79	-49.79
5.6G	5.65G	1M	PK	5.64945G	-48.88	-48.88
5.65G	5.7G	1M	PK	5.6902G	-48.44	-48.44
5.7G	5.72G	1M	PK	5.71902G	-23.15	-23.15
5.72G	5.725G	1M	PK	5.72023G	-21.93	-21.93
5.85G	5.855G	1M	PK	5.85497G	-49.68	-49.68
5.855G	5.875G	1M	PK	5.8736G	-48.85	-48.85
5.875G	5.925G	1M	PK	5.92475G	-50.14	-50.14
5.925G	7G	1M	PK	6.09754G	-49.00	-49.00

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

5745MHz

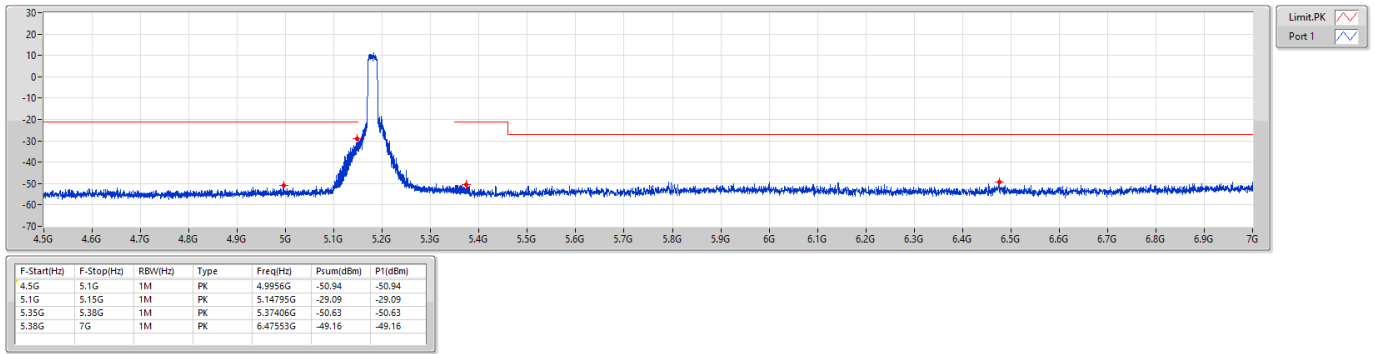


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.6G	1M	AV	5.3943G	-60.65	-60.65

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

5180MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5180MHz

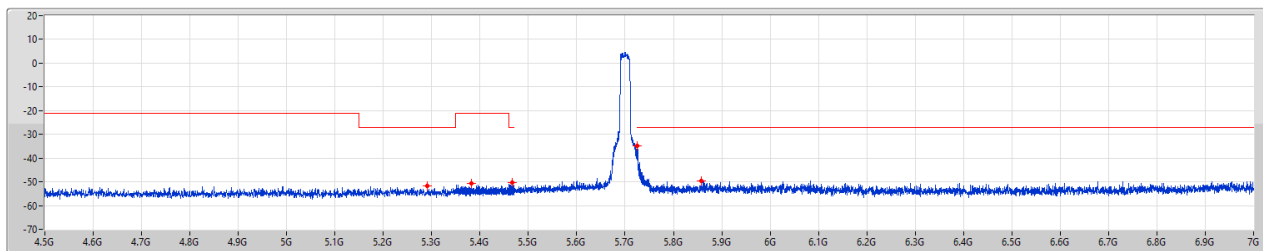




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

5700MHz

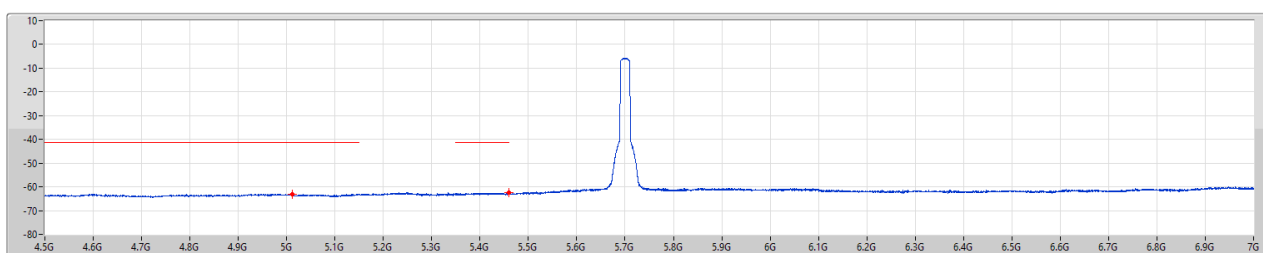


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	PK	5.29135G	-51.78	-51.78
5.35G	5.46G	1M	PK	5.38236G	-50.53	-50.53
5.46G	5.47G	1M	PK	5.46644G	-50.47	-50.47
5.725G	5.75G	1M	PK	5.72508G	-34.74	-34.74
5.75G	7G	1M	PK	5.8575G	-49.58	-49.58

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5700MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
4.5G	5.35G	1M	AV	5.01213G	-62.99	-62.99
5.35G	5.47G	1M	AV	5.45908G	-62.42	-62.42

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	18G	40G	AV	4.40	-57.32	-57.32	-52.92	-41.20	-11.72
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	18G	40G	AV	4.40	-56.98	-56.98	-52.58	-41.20	-11.38
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	18G	40G	AV	4.40	-57.33	-57.33	-52.93	-41.20	-11.73
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	18G	40G	AV	4.40	-57.08	-57.08	-52.68	-41.20	-11.48

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

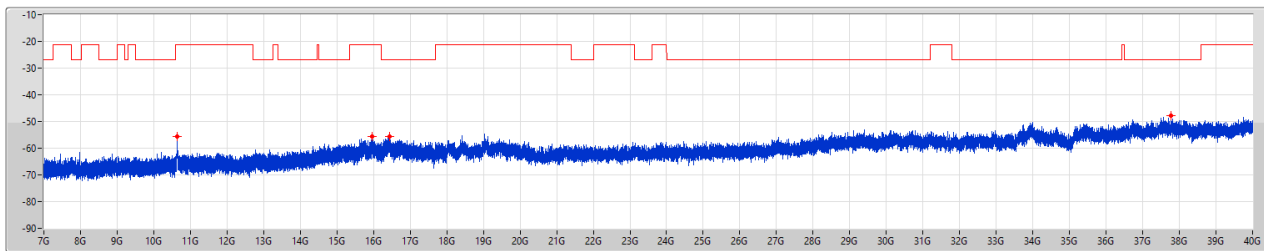
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5320MHz	Pass	7G	18G	AV	10.63825G	4.40	-62.76	-62.76	-58.36	-41.20	-17.16
5320MHz	Pass	7G	18G	AV	15.95744G	4.40	-63.64	-63.64	-59.24	-41.20	-18.04
5320MHz	Pass	18G	40G	AV	39.835G	4.40	-56.98	-56.98	-52.58	-41.20	-11.38
5320MHz	Pass	7G	18G	PK	10.64066G	4.40	-55.67	-55.67	-51.27	-21.20	-30.07
5320MHz	Pass	7G	18G	PK	15.95091G	4.40	-55.59	-55.59	-51.19	-21.20	-29.99
5320MHz	Pass	7G	18G	PK	16.438G	4.40	-55.63	-55.63	-51.23	-27.00	-24.23
5320MHz	Pass	18G	40G	PK	37.77181G	4.40	-47.81	-47.81	-43.41	-27.00	-16.41
5745MHz	Pass	7G	18G	AV	7.65759G	4.40	-59.49	-59.49	-55.09	-41.20	-13.89
5745MHz	Pass	7G	18G	AV	11.50038G	4.40	-67.93	-67.93	-63.53	-41.20	-22.33
5745MHz	Pass	7G	18G	AV	17.70025G	4.40	-68.34	-68.34	-63.94	-41.20	-22.74
5745MHz	Pass	18G	40G	AV	39.8405G	4.40	-57.08	-57.08	-52.68	-41.20	-11.48
5745MHz	Pass	7G	18G	PK	11.48938G	4.40	-56.13	-56.13	-51.73	-21.20	-30.53
5745MHz	Pass	7G	18G	PK	17.23756G	4.40	-45.81	-45.81	-41.41	-27.00	-14.41
5745MHz	Pass	18G	40G	PK	38.16094G	4.40	-48.37	-48.37	-43.97	-27.00	-16.97
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7G	18G	AV	10.60009G	4.40	-72.13	-72.13	-67.73	-41.20	-26.53
5180MHz	Pass	7G	18G	AV	15.53394G	4.40	-66.08	-66.08	-61.68	-41.20	-20.48
5180MHz	Pass	7G	18G	AV	15.73297G	4.40	-63.73	-63.73	-59.33	-41.20	-18.13
5180MHz	Pass	18G	40G	AV	39.582G	4.40	-57.32	-57.32	-52.92	-41.20	-11.72
5180MHz	Pass	7G	18G	PK	10.35741G	4.40	-55.36	-55.36	-50.96	-27.00	-23.96
5180MHz	Pass	7G	18G	PK	15.558G	4.40	-57.65	-57.65	-53.25	-21.20	-32.05
5180MHz	Pass	7G	18G	PK	16.43594G	4.40	-55.05	-55.05	-50.65	-27.00	-23.65
5180MHz	Pass	18G	40G	PK	37.78488G	4.40	-47.88	-47.88	-43.48	-27.00	-16.48
5700MHz	Pass	7G	18G	AV	11.40103G	4.40	-69.90	-69.90	-65.50	-41.20	-24.30
5700MHz	Pass	7G	18G	AV	15.73984G	4.40	-64.30	-64.30	-59.90	-41.20	-18.70
5700MHz	Pass	7G	18G	AV	17.70025G	4.40	-66.69	-66.69	-62.29	-41.20	-21.09
5700MHz	Pass	18G	40G	AV	39.89206G	4.40	-57.33	-57.33	-52.93	-41.20	-11.73
5700MHz	Pass	7G	18G	PK	11.38419G	4.40	-62.71	-62.71	-58.31	-21.20	-37.11
5700MHz	Pass	7G	18G	PK	16.43319G	4.40	-55.84	-55.84	-51.44	-27.00	-24.44
5700MHz	Pass	7G	18G	PK	17.09319G	4.40	-58.05	-58.05	-53.65	-27.00	-26.65
5700MHz	Pass	18G	40G	PK	37.60681G	4.40	-48.66	-48.66	-44.26	-27.00	-17.26

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5320MHz



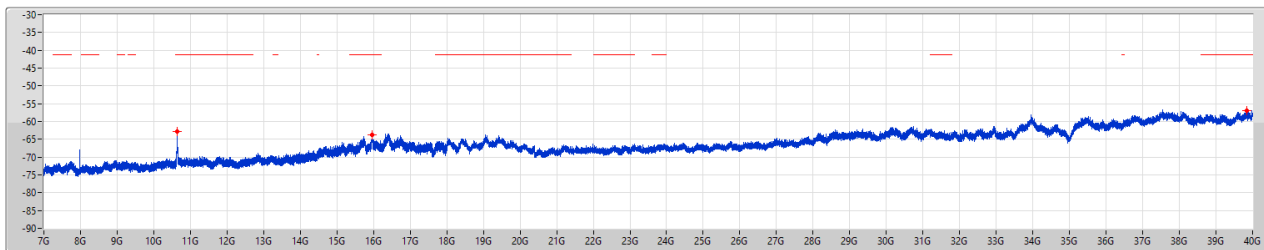
Limit PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	10.64066G	-55.67	-55.67
7G	18G	1M	PK	15.95091G	-55.59	-55.59
7G	18G	1M	PK	16.438G	-55.63	-55.63
18G	40G	1M	PK	37.77181G	-47.81	-47.81

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5320MHz



Limit AV
Port 1

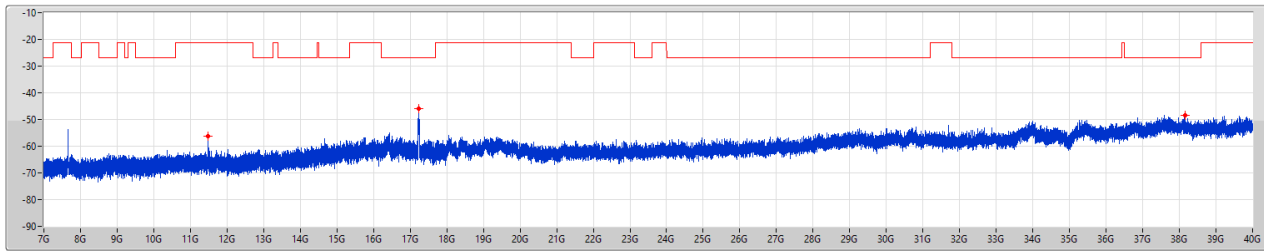
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	10.63825G	-62.76	-62.76
7G	18G	1M	AV	15.95744G	-63.64	-63.64
18G	40G	1M	AV	39.835G	-56.98	-56.98



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [PK]

5745MHz



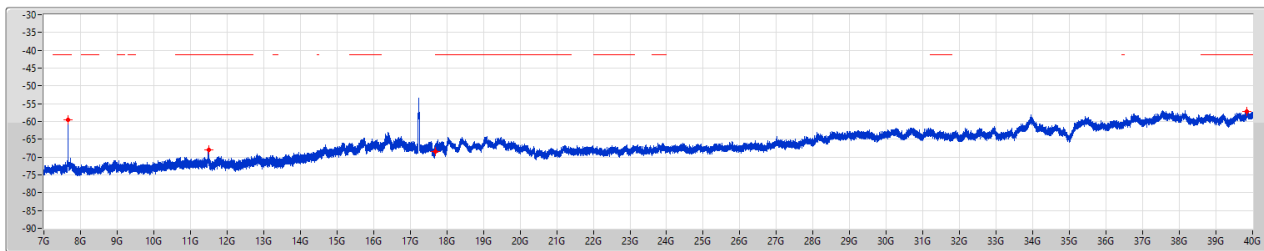
Limit:PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	PK	11.48938G	-56.13	-56.13
7G	18G	1M	PK	17.23756G	-45.81	-45.81
18G	40G	1M	PK	38.16094G	-48.37	-48.37

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

CSE [AV]

5745MHz



Limit:AV
Port 1

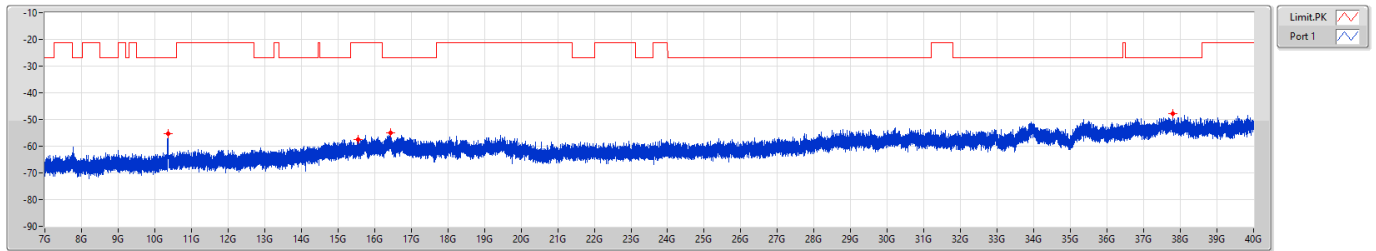
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
7G	18G	1M	AV	7.65759G	-59.49	-59.49
7G	18G	1M	AV	11.50038G	-67.93	-67.93
7G	18G	1M	AV	17.70025G	-68.34	-68.34
18G	40G	1M	AV	39.8405G	-57.08	-57.08



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

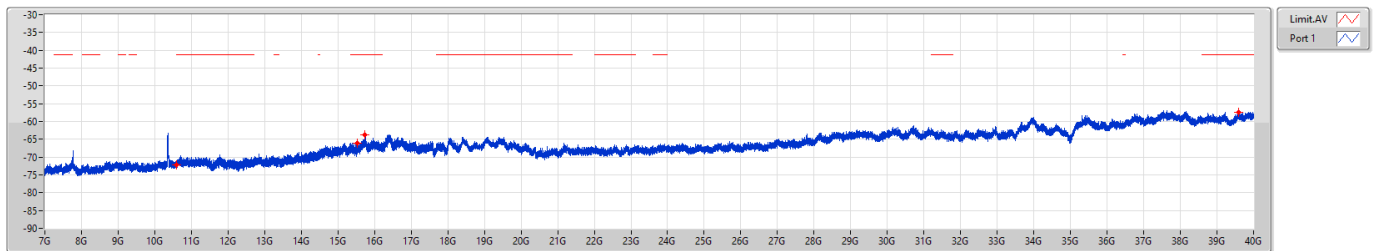
5180MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5180MHz

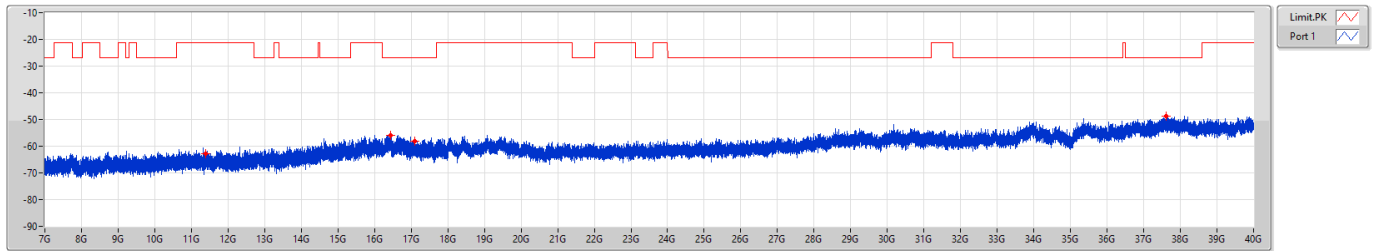




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

5700MHz

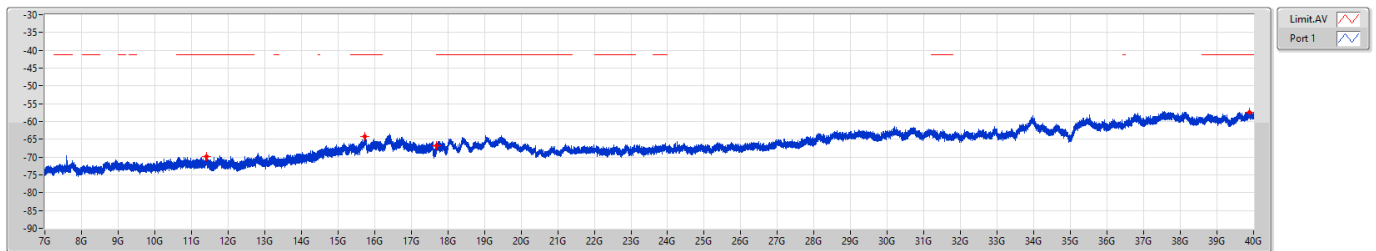


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psrm(dBm)	P1(dBm)
7G	18G	1M	PK	11.38419G	-62.71	-62.71
7G	18G	1M	PK	16.43319G	-55.84	-55.84
7G	18G	1M	PK	17.09319G	-58.05	-58.05
18G	40G	1M	PK	37.60681G	-48.66	-48.66

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

5700MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psrm(dBm)	P1(dBm)
7G	18G	1M	AV	11.40103G	-69.90	-69.90
7G	18G	1M	AV	15.73984G	-64.30	-64.30
7G	18G	1M	AV	17.70025G	-66.69	-66.69
18G	40G	1M	AV	39.89206G	-57.33	-57.33



Summary

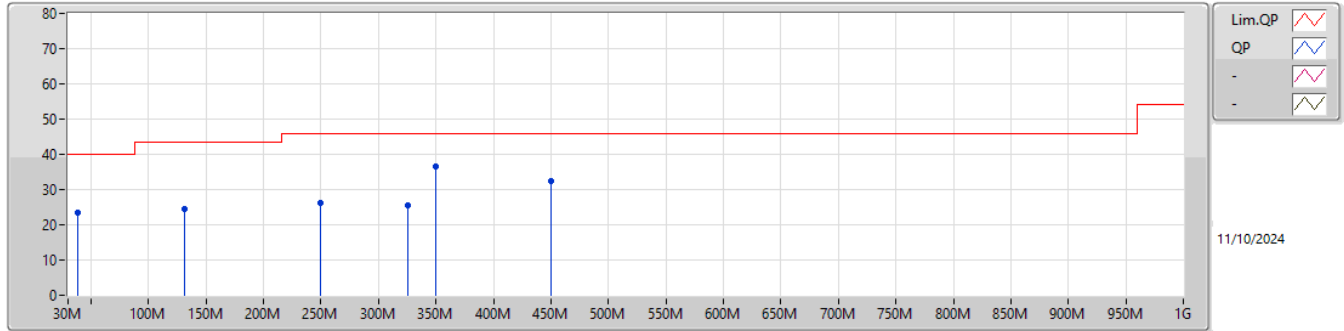
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	450.01M	42.61	46.00	-3.39	Vertical
Mode 2	Pass	QP	450.01M	42.51	46.00	-3.49	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 1



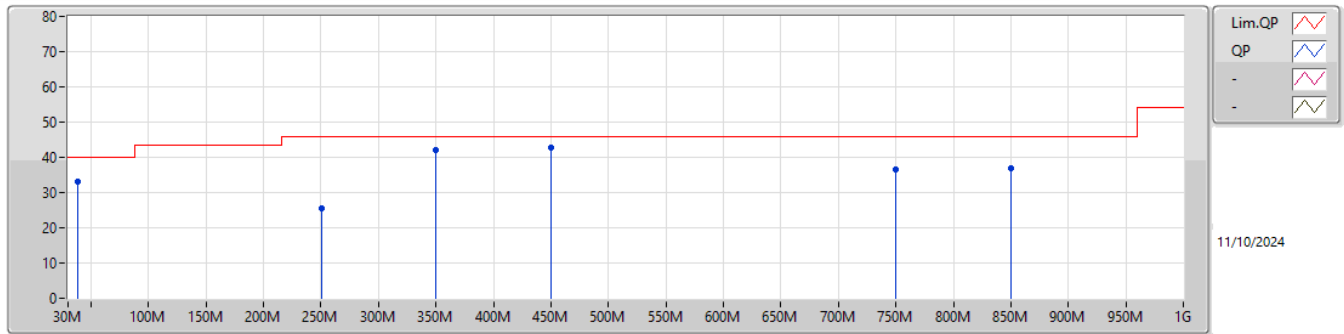
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.57M	23.51	40.00	-16.49	-9.17	3	Horizontal	-	-	-	32.68	18.36	0.58	28.11		
PK	131.66M	24.34	43.50	-19.16	-9.91	3	Horizontal	-	-	-	34.25	17.20	1.14	28.25		
PK	250.07M	26.35	46.00	-19.65	-9.78	3	Horizontal	-	-	-	36.13	16.90	1.57	28.25		
PK	325.34M	25.57	46.00	-20.43	-7.19	3	Horizontal	-	-	-	32.76	19.21	1.81	28.21		
PK	350.1M	36.51	46.00	-9.49	-6.88	3	Horizontal	-	-	-	43.39	19.50	1.82	28.20		
PK	450.01M	32.44	46.00	-13.56	-4.11	3	Horizontal	-	-	-	36.55	22.10	1.98	28.19		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 1



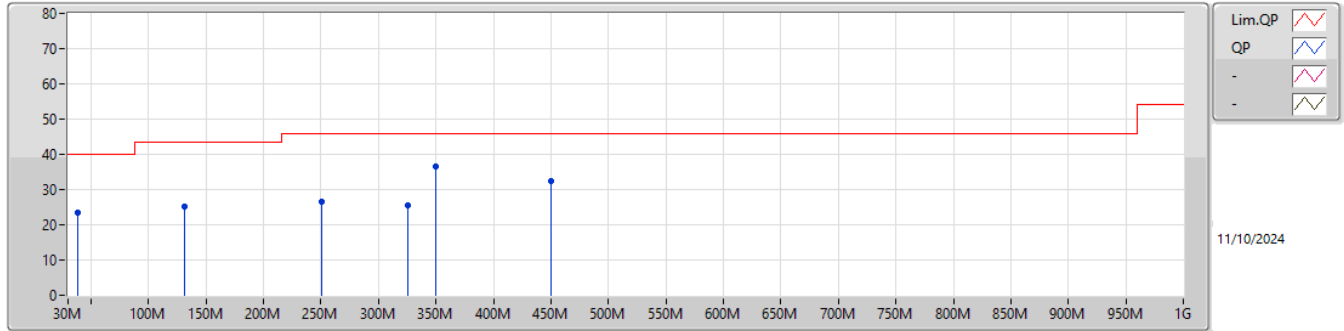
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.33M	33.27	40.00	-6.73	-9.19	3	Vertical	-	-	-	42.46	18.33	0.58	28.10		
PK	250.27M	25.64	46.00	-20.36	-9.77	3	Vertical	-	-	-	35.41	16.91	1.57	28.25		
QP	350.1M	42.13	46.00	-3.87	-6.88	3	Vertical	108	1.31	-	49.01	19.50	1.82	28.20		
QP	450.01M	42.61	46.00	-3.39	-4.11	3	Vertical	216	1.00	-	46.72	22.10	1.98	28.19		
PK	749.91M	36.48	46.00	-9.52	1.82	3	Vertical	-	-	-	34.66	27.00	2.75	27.93		
PK	849.89M	36.77	46.00	-9.23	3.13	3	Vertical	-	-	-	33.64	28.00	2.89	27.76		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 2



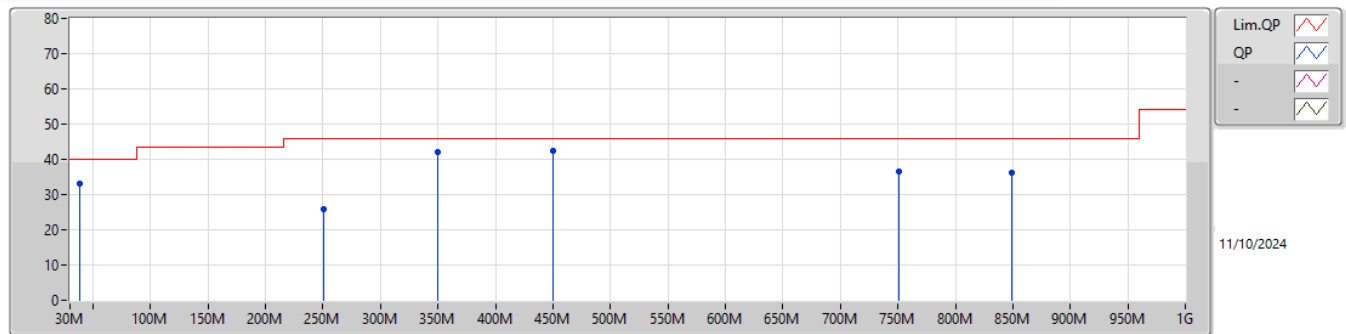
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.64M	23.42	40.00	-16.58	-9.17	3	Horizontal	-	-	-	32.59	18.36	0.58	28.11		
PK	131.81M	25.16	43.50	-18.34	-9.91	3	Horizontal	-	-	-	35.07	17.20	1.14	28.25		
PK	250.17M	26.43	46.00	-19.57	-9.77	3	Horizontal	-	-	-	36.20	16.91	1.57	28.25		
PK	325.35M	25.56	46.00	-20.44	-7.19	3	Horizontal	-	-	-	32.75	19.21	1.81	28.21		
PK	350.11M	36.42	46.00	-9.58	-6.88	3	Horizontal	-	-	-	43.30	19.50	1.82	28.20		
PK	450.01M	32.51	46.00	-13.49	-4.11	3	Horizontal	-	-	-	36.62	22.10	1.98	28.19		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.5

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	38.62M	33.16	40.00	-6.84	-9.17	3	Vertical	-	-	-	42.33	18.36	0.58	28.11		
PK	250.17M	25.84	46.00	-20.16	-9.77	3	Vertical	-	-	-	35.61	16.91	1.57	28.25		
QP	350.1M	42.11	46.00	-3.89	-6.88	3	Vertical	105	1.22	-	48.99	19.50	1.82	28.20		
QP	450.01M	42.51	46.00	-3.49	-4.11	3	Vertical	216	1.00	-	46.62	22.10	1.98	28.19		
PK	750.71M	36.55	46.00	-9.45	1.84	3	Vertical	-	-	-	34.71	27.01	2.75	27.92		
PK	849.45M	36.18	46.00	-9.82	3.12	3	Vertical	-	-	-	33.06	27.99	2.89	27.76		



Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.72G	45.77	54.00	-8.23	3	Vertical	21	2.08	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	15.9G	46.48	54.00	-7.52	3	Vertical	21	2.10	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	16.74G	59.71	68.20	-8.49	3	Vertical	27	1.88	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	PK	17.475G	61.79	68.20	-6.41	3	Vertical	3	2.05	-

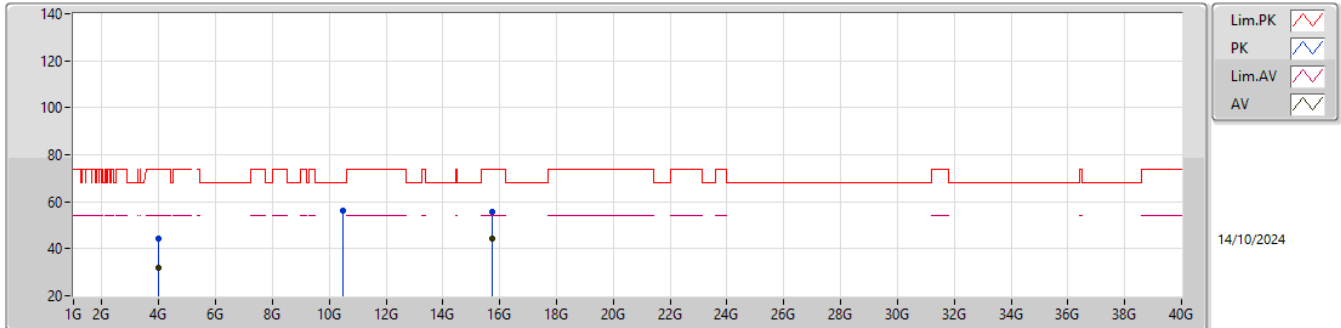


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	31.79	54.00	-22.21	34.06	3	Horizontal	188	1.88	-	29.70	6.02	37.99				
PK	4G	44.51	74.00	-29.49	46.78	3	Horizontal	188	1.88	-	29.70	6.02	37.99				
PK	10.48G	56.13	68.20	-12.07	48.64	3	Horizontal	188	1.00	-	39.64	10.02	42.17				
AV	15.72G	44.26	54.00	-9.74	39.93	3	Horizontal	127	1.00	-	38.36	11.55	45.58				
PK	15.72G	55.65	74.00	-18.35	51.32	3	Horizontal	127	1.00	-	38.36	11.55	45.58				

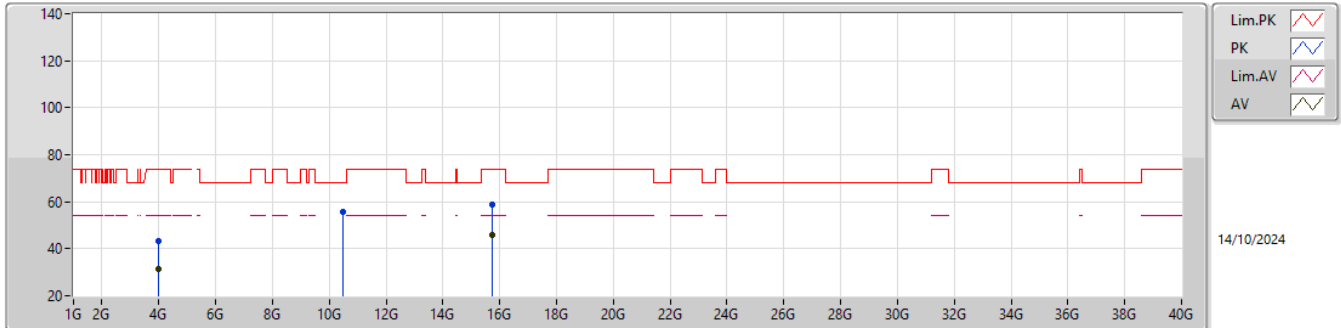


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	31.51	54.00	-22.49	33.78	3	Vertical	187	1.64	-	29.70	6.02	37.99			
PK	4G	43.52	74.00	-30.48	45.79	3	Vertical	187	1.64	-	29.70	6.02	37.99			
PK	10.48G	55.61	68.20	-12.59	48.12	3	Vertical	208	1.00	-	39.64	10.02	42.17			
AV	15.72G	45.77	54.00	-8.23	41.44	3	Vertical	21	2.08	-	38.36	11.55	45.58			
PK	15.72G	58.84	74.00	-15.16	54.51	3	Vertical	21	2.08	-	38.36	11.55	45.58			

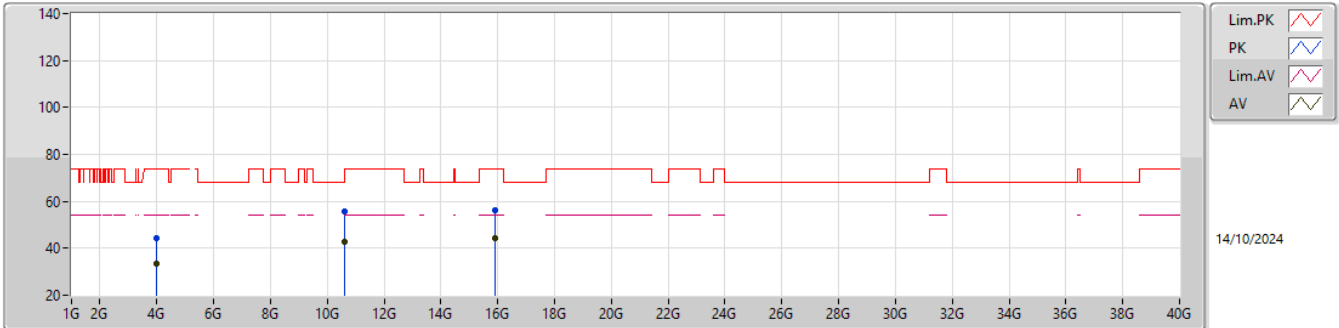


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	33.19	54.00	-20.81	35.46	3	Horizontal	186	1.86	-	29.70	6.02	37.99			
PK	4G	44.26	74.00	-29.74	46.53	3	Horizontal	186	1.86	-	29.70	6.02	37.99			
AV	10.6G	42.51	54.00	-11.49	34.72	3	Horizontal	221	1.00	-	40.00	10.04	42.25			
PK	10.6G	55.77	74.00	-18.23	47.98	3	Horizontal	221	1.00	-	40.00	10.04	42.25			
AV	15.9G	44.45	54.00	-9.55	40.02	3	Horizontal	128	1.00	-	38.20	11.71	45.48			
PK	15.9G	56.23	74.00	-17.77	51.80	3	Horizontal	128	1.00	-	38.20	11.71	45.48			

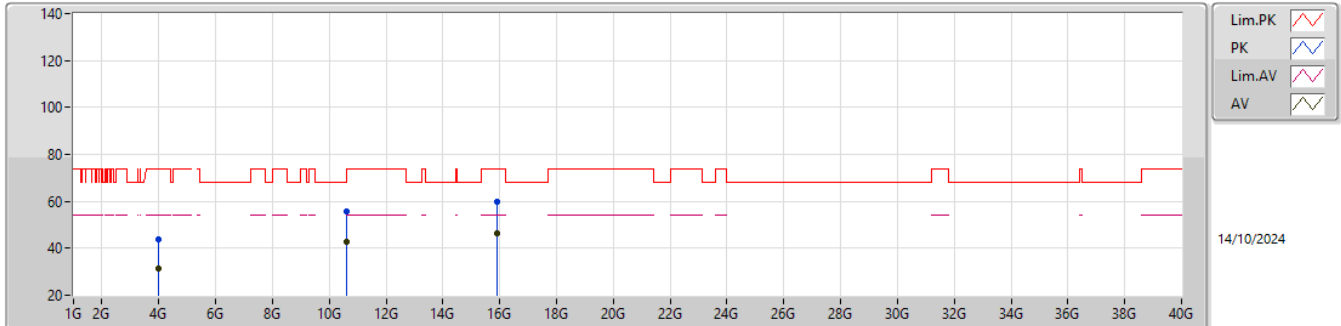


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	4G	31.30	54.00	-22.70	33.57	3	Vertical	187	1.82	-	29.70	6.02	37.99			
PK	4G	43.66	74.00	-30.34	45.93	3	Vertical	187	1.82	-	29.70	6.02	37.99			
AV	10.6G	42.58	54.00	-11.42	34.79	3	Vertical	251	1.00	-	40.00	10.04	42.25			
PK	10.6G	55.86	74.00	-18.14	48.07	3	Vertical	251	1.00	-	40.00	10.04	42.25			
AV	15.9G	46.48	54.00	-7.52	42.05	3	Vertical	21	2.10	-	38.20	11.71	45.48			
PK	15.9G	59.61	74.00	-14.39	55.18	3	Vertical	21	2.10	-	38.20	11.71	45.48			

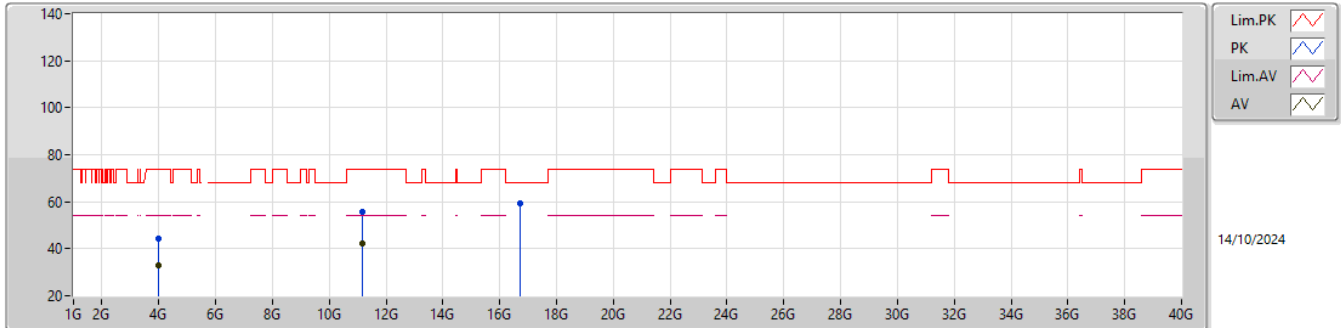


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	32.76	54.00	-21.24	35.03	3	Horizontal	182	1.77	-	29.70	6.02	37.99			
PK	4G	44.26	74.00	-29.74	46.53	3	Horizontal	182	1.77	-	29.70	6.02	37.99			
AV	11.16G	42.33	54.00	-11.67	35.18	3	Horizontal	255	1.00	-	39.64	10.14	42.63			
PK	11.16G	55.94	74.00	-18.06	48.79	3	Horizontal	255	1.00	-	39.64	10.14	42.63			
PK	16.74G	59.44	68.20	-8.76	52.03	3	Horizontal	126	1.00	-	41.30	12.20	46.09			

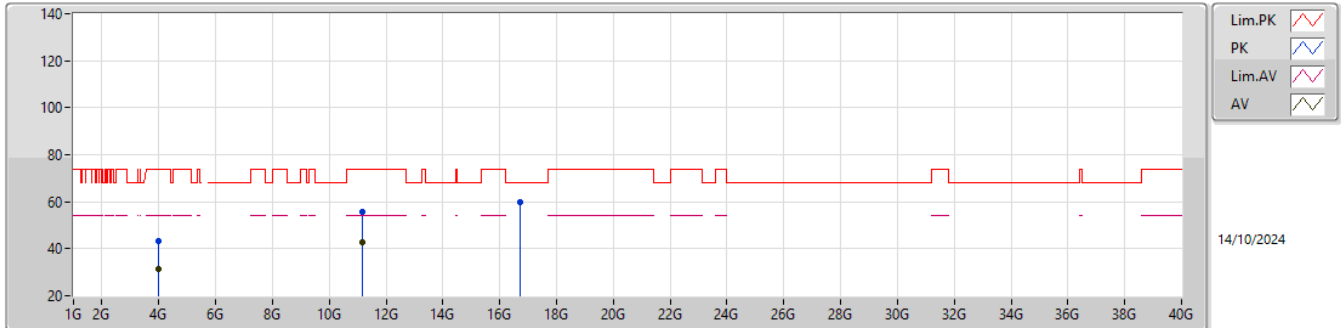


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	31.32	54.00	-22.68	33.59	3	Vertical	177	1.81	-	29.70	6.02	37.99				
PK	4G	43.35	74.00	-30.65	45.62	3	Vertical	177	1.81	-	29.70	6.02	37.99				
AV	11.16G	42.58	54.00	-11.42	35.43	3	Vertical	156	1.00	-	39.64	10.14	42.63				
PK	11.16G	55.61	74.00	-18.39	48.46	3	Vertical	156	1.00	-	39.64	10.14	42.63				
PK	16.74G	59.71	68.20	-8.49	52.30	3	Vertical	27	1.88	-	41.30	12.20	46.09				

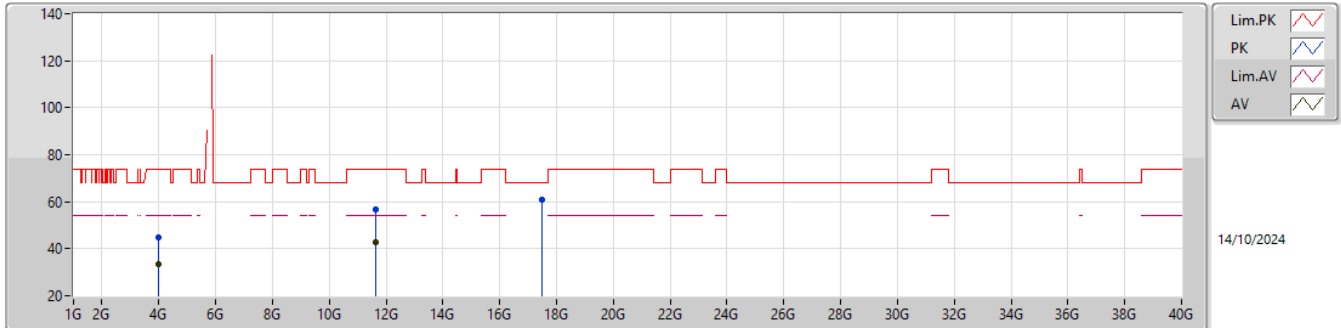


Unwanted Emissions into Restricted Frequency Bands Above 1GHz

Appendix D.6

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

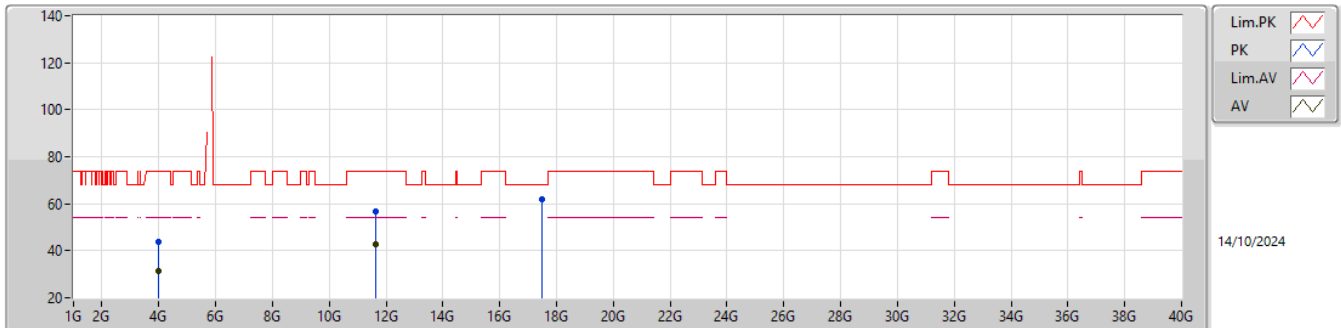
5825MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)				
AV	4G	33.35	54.00	-20.65	35.62	3	Horizontal	187	1.62	-	29.70	6.02	37.99				
PK	4G	44.58	74.00	-29.42	46.85	3	Horizontal	187	1.62	-	29.70	6.02	37.99				
AV	11.65G	42.76	54.00	-11.24	35.89	3	Horizontal	244	1.00	-	39.50	10.20	42.83				
PK	11.65G	56.48	74.00	-17.52	49.61	3	Horizontal	244	1.00	-	39.50	10.20	42.83				
PK	17.475G	60.91	68.20	-7.29	53.60	3	Horizontal	128	1.00	-	42.25	12.53	47.47				

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz_TX



Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB/m)	(dB)	(dB)			
AV	4G	31.33	54.00	-22.67	33.60	3	Vertical	188	1.77	-	29.70	6.02	37.99			
PK	4G	43.64	74.00	-30.36	45.91	3	Vertical	188	1.77	-	29.70	6.02	37.99			
AV	11.65G	42.84	54.00	-11.16	35.97	3	Vertical	156	1.00	-	39.50	10.20	42.83			
PK	11.65G	56.67	74.00	-17.33	49.80	3	Vertical	156	1.00	-	39.50	10.20	42.83			
PK	17.475G	61.79	68.20	-6.41	54.48	3	Vertical	3	2.05	-	42.25	12.53	47.47			